

Apr. 2008



# SERVICE MANUAL ADDENDUM

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## IC-F3060 IC-F3160 series

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## PARTS LIST

## [FRONT UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                 | M.              | H/V LOCATION |
|---------|------------|-----------------------------|-----------------|--------------|
| IC501   | 1180002401 | S.REG S-812C30AMC-C2K-G     | B               | 66.7/35.7    |
| IC505   | 1110006440 | S.IC M62320FP DF5J          | B               | 74/36.8      |
| IC506   | 1110006440 | S.IC M62320FP DF5J          | B               | 56.8/24.5    |
| IC508   | 1110006770 | S.IC TDA8547TS/N            | B               | 79.6/11.9    |
| IC509   | 1110007010 | S.IC NJM12904R              | B               | 79.8/24.9    |
| Q501    | 1520000460 | S.TR 2SB1132 T100 R         | B               | 75.2/25      |
| Q502    | 1590001190 | S.TR XP6501-(TX) .AB        | B               | 75.8/20.8    |
| Q505    | 1590002230 | S.TR UMG2N TR               | B               | 71.5/22      |
| Q506    | 1590003230 | S.TR UNR9113J-(TX)          | B               | 83.3/41      |
| Q507    | 1590003290 | S.TR UNR9213J-(TX)          | B               | 72.3/6.1     |
| Q508    | 1590001330 | S.TR DTA114EUA T106         | B               | 72.2/9       |
| Q509    | 1590000980 | S.TR DTB123EK T146          | B               | 72.4/12.3    |
| Q512    | 1590003290 | S.TR UNR9213J-(TX)          | B               | 72/18        |
| Q513    | 1590003290 | S.TR UNR9213J-(TX)          | B               | 74.9/15.6    |
| Q514    | 1590003230 | S.TR UNR9113J-(TX)          | B               | 67.8/26.8    |
| Q515    | 1560001360 | S.FET 2SK3019 TL            | B               | 81/32.2      |
| Q516    | 1590003290 | S.TR UNR9213J-(TX)          | B               | 80.9/36      |
| D502    | 1790001240 | S.DIO MA2S728-(TX)          | B               | 71/23.9      |
|         |            | [F3062T], [F3060S] only     | B               |              |
|         | 1790001250 | S.DIO MA2S111-(TX)          | B               | 71/23.9      |
|         |            | [F3061T], [F3063T] only     | B               |              |
| D503    | 1790001240 | S.DIO MA2S728-(TX)          | B               | 66.8/21.1    |
|         |            | [F3062T], [F3060S] only     | B               |              |
|         | 1790001250 | S.DIO MA2S111-(TX)          | B               | 66.8/21.1    |
|         |            | [F3061T], [F3063T] only     | B               |              |
| D504    | 1790001250 | S.DIO MA2S111-(TX)          | B               | 71/25.1      |
| D505    | 1160000140 | S.DIO DAP222 TL             | B               | 63.6/22.19   |
| D506    | 1160000140 | S.DIO DAP222 TL             | B               | 63.6/26      |
| D508    | 1160000060 | S.DIO DAN202U T106          | B               | 75.1/5.7     |
| R503    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7 k) | B               | 74/20        |
| R504    | 7030008290 | S.RES ERJ2GEJ 183 X (18 k)  | B               | 74.8/18.4    |
| R505    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B               | 76.6/18.4    |
| R506    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B               | 75.2/13.7    |
| R508    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 81.8/18.2    |
| R509    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 79.1/18.2    |
| R510    | 7030005080 | S.RES ERJ2GEJ 823 X (82 k)  | B               | 81.7/16.6    |
| R511    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 78.3/16.6    |
| R513    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 85.2/41.1    |
| R514    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)  | B               | 87.5/38.8    |
| R515    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)  | [FRG-01] B      | 81.8/34      |
|         | 7030005080 | S.RES ERJ2GEJ 823 X (82 k)  | B               | 81.8/34      |
|         |            | Except [FRG-01]             | B               |              |
| R516    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 79.4/32.4    |
| R517    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B               | 67.4/24.8    |
|         |            | [F3061T], [F3063T]          | B               |              |
|         | 7030010040 | S.RES ERJ2GEJ-JPW           | B               | 67.4/24.8    |
|         |            | [F3062T], [F3060S]          | B               |              |
| R518    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B               | 66.2/22.5    |
|         |            | [F3061T], [F3063T]          | B               |              |
|         | 7030010040 | S.RES ERJ2GEJ-JPW           | B               | 66.2/22.5    |
|         |            | [F3062T], [F3060S]          | B               |              |
| R519    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 69.4/22.3    |
| R520    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 69.4/20.7    |
| R521    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 68.3/24.8    |
| R522    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 53.6/18.8    |
| R523    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 54.6/18.8    |
| R524    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 55.6/18.8    |
| R525    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 56.6/18.8    |
| R526    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 65.2/22.1    |
| R527    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 63.6/23.5    |
| R528    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 63.6/24.4    |
| R529    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 65/24.7      |
| R530    | 7030009280 | S.RES ERJ2GEJ 391 X         | B               | 71.6/14.4    |
| R531    | 7030005000 | S.RES ERJ2GEJ 471 X (470)   | B               | 82.7/33      |
| R532    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 65.2/32.1    |
| R533    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | B               | 63.2/27.8    |
| R534    | 7030007250 | S.RES ERJ2GEJ 220 X (22)    | B               | 64/29.1      |
| R535    | 7030004970 | S.RES ERJ2GEJ 470 X (47)    | B               | 69.7/3.4     |
| R536    | 7030004970 | S.RES ERJ2GEJ 470 X (47)    | B               | 69.7/5.4     |
| R537    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B               | 69.7/4.4     |
| R538    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B               | 72/3.1       |
| R539    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 69.7/2.4     |
| R540    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | B               | 80.3/20.2    |
| R541    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 79.4/20.2    |
| R542    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)  | B               | 81.7/28.3    |
| R543    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | B               | 82.6/27.1    |
| R544    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | B               | 82.6/29.9    |
| R545    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 68.5/22.3    |
|         |            | [F3062T], [F3060S]          | B               |              |
| R546    | 7030009280 | S.RES ERJ2GEJ 391 X         | [F3060T] only B | 71.6/15.3    |
| R547    | 7030009280 | S.RES ERJ2GEJ 391 X         | [F3060T] only B | 71.6/16.2    |
| R548    | 7030005230 | S.RES ERJ2GEJ 334 X (330 k) | B               | 74.4/8.5     |
| R552    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               | 79.8/30.4    |
| R553    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B               |              |
|         |            | [F3060S] only               | B               | 71/42        |
| R554    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | [F3060T] only B | 72.6/42      |
|         |            | [F3060T] only               | B               |              |
| R555    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B               | 74.4/9.4     |
| R557    | 7030004970 | S.RES ERJ2GEJ 470 X (47)    | B               | 87.6/35.7    |
| R558    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B               | 73.9/18.4    |
| R559    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B               | 77.4/16.6    |
| R560    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B               | 77.5/18.4    |

## [FRONT UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                 | M.                | H/V LOCATION |
|---------|------------|-----------------------------|-------------------|--------------|
| R561    | 7030005000 | S.RES ERJ2GEJ 471 X (470)   | B                 | 82.7/22.7    |
| R562    | 7030005000 | S.RES ERJ2GEJ 471 X (470)   | B                 | 83.4/20.3    |
| R563    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B                 | 80.4/16.6    |
| R564    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B                 | 79.5/16.6    |
| R566    | 7030010040 | S.RES ERJ2GEJ-JPW           | B                 | 77.6/20.2    |
| R567    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B                 | 81/30.4      |
| C501    | 4550006760 | S.TAN TEESVB21A336M8R       | B                 | 93.4/37.3    |
|         |            | Except [FRG-01]             | B                 |              |
|         | 4550007880 | S.TAN TEESVB2 1A 686M8R     | [FRG-01] B        | 93.4/37.3    |
| C502    | 4550006760 | S.TAN TEESVB21A336M8R       | B                 | 96.7/37.3    |
|         |            | Except [FRG-01]             | B                 |              |
|         | 4550007880 | S.TAN TEESVB2 1A 686M8R     | [FRG-01] B        | 96.7/37.3    |
| C506    | 4550006250 | S.TAN TEESVA 1A 106M8R      | B                 | 75.8/31.1    |
| C507    | 4550006250 | S.TAN TEESVA 1A 106M8R      | B                 | 70.5/29      |
| C508    | 4550006250 | S.TAN TEESVA 1A 106M8R      | B                 | 70.5/31.1    |
| C509    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 75.6/12.5    |
| C510    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 73.1/20      |
| C511    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 75.7/18.4    |
| C514    | 4550006250 | S.TAN TEESVA 1A 106M8R      | B                 | 78.5/5.4     |
| C515    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 80.9/18.2    |
| C517    | 4030016930 | S.CER ECJ0EB1A104K          | Except [FRG-01] B | 80/18.2      |
|         |            | [FRG-01]                    | B                 |              |
|         | 4030018860 | S.CER ECJ0EB0J105K          | B                 | 80/18.2      |
| C518    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 71.9/26.7    |
| C520    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 87/41.1      |
| C522    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 84.7/39.9    |
| C523    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 80/34        |
| C524    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 68.5/20.7    |
| C525    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 80.9/34      |
| C526    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 70.9/26.7    |
| C527    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 86.1/41.1    |
| C528    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 80/40.6      |
| C529    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 58/29.5      |
| C530    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 80/41.6      |
| C531    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 56.4/29.5    |
| C532    | 4550007090 | S.TAN TEESVA 1A 226M8R      | B                 | 67.4/39.9    |
| C534    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 65.8/19.3    |
| C535    | 4030016790 | S.CER ECJ0EB1C103K          | B                 | 64.9/38.2    |
| C536    | 4550005980 | S.TAN TEESVA 1A 475M8R      | B                 | 67/31.5      |
| C537    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 55/37.7      |
| C538    | 4550000460 | S.TAN TEESVA 1C 105M8R      | B                 | 54.6/31.9    |
| C539    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 82.6/28.3    |
| C540    | 4030018140 | S.CER ECJ0EB1H391K          | B                 | 81.2/20.2    |
| C541    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 74.4/7.6     |
| C542    | 4030017430 | S.CER ECJ0EC1H101J          | [FRG-01] B        | 79.8/29.4    |
|         |            | Except [FRG-01]             | B                 |              |
|         | 4030017440 | S.CER ECJ0EC1H221J          | [FRG-01] B        | 79.8/29.4    |
| C543    | 4550006250 | S.TAN TEESVA 1A 106M8R      | B                 | 75.8/29      |
| C544    | 4030017460 | S.CER ECJ0EB1E102K          | B                 | 82.6/26.2    |
| C559    | 4030016790 | S.CER ECJ0EB1C103K          | T                 | 87.8/27.1    |
| C560    | 4030017770 | S.CER ECJ0EB1E332K          | B                 | 78.5/20.2    |
| C561    | 4030016930 | S.CER ECJ0EB1A104K          | B                 | 82.4/31.1    |
| J501    | 6510025240 | S.CNR IMSA-9631S-20Y912     | B                 | 63.5/11.4    |
| J502    | 6510025250 | S.CNR IMSA-9631S-08Y912     | B                 | 58.8/35.5    |
| J503    | 6510025260 | S.CNR IMSA-9631S-10Y912     | B                 | 89.8/24.4    |
| DS501   | 5040002960 | S.LED SML-A12MT T86         | T                 | 82.9/33.6    |
|         |            | Except [FRG-01]             | T                 |              |
|         | 5040002961 | S.LED SML-A12MT T86J        | [FRG-01] T        | 82.9/33.6    |
| DS502   | 5040002960 | S.LED SML-A12MT T86         | T                 | 82.9/23.1    |
|         |            | Except [FRG-01]             | T                 |              |
|         | 5040002961 | S.LED SML-A12MT T86J        | [FRG-01] T        | 82.9/23.1    |
| DS503   | 5040002960 | S.LED SML-A12MT T86         | T                 | 82.9/12.6    |
|         |            | Except [FRG-01]             | T                 |              |
|         | 5040002961 | S.LED SML-A12MT T86J        | [FRG-01] T        | 82.9/12.6    |
| DS504   | 5040002420 | S.LED SML-310MT T86         | T                 | 38.1/29.1    |
| DS505   | 5040002420 | S.LED SML-310MT T86         | T                 | 38.1/30.9    |
| DS506   | 5040002420 | S.LED SML-310MT T86         | [F3060T] T        | 29.2/14.9    |
| DS507   | 5040002420 | S.LED SML-310MT T86         | [F3060T] T        | 29.2/28.9    |
| DS508   | 5040002420 | S.LED SML-310MT T86         | [F3060T] T        | 11.7/14.9    |
| DS509   | 5040002420 | S.LED SML-310MT T86         | [F3060T] T        | 11.7/28.9    |
| DS510   | 5030003140 | LCD M7-0626TIZ              |                   |              |
| MC501   | 7700002480 | MIC SKB-2746 LPC            | Except [FRG-01]   |              |
|         | 7700002760 | MIC EM6027P-46C33-G-01      | [FRG-01]          |              |
| W501    | 9028930010 | WIR 23/04/020/W02/W02 <TJM> |                   |              |
| W502    | 9014506004 | WIR 23/00/025/W02/W02 <TJM> |                   |              |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

## [FRONT-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION                       | M. | H/V LOCATION |
|---------|------------|-----------------------------------|----|--------------|
| IC501   | 1180002401 | S.REG S-812C30AMC-C2K-G           | B  | 66.7/35.7    |
| IC505   | 1110007330 | S.IC M62320FP-DF5G                | B  | 74/36.8      |
| IC506   | 1110007330 | S.IC M62320FP-DF5G                | B  | 56.8/24.5    |
| IC508   | 1110006770 | S.IC TDA8547TS/N                  | B  | 79.6/11.9    |
| IC509   | 1110007010 | S.IC NJM12904R                    | B  | 79.8/24.9    |
| Q501    | 1520000460 | S.TR 2SB1132 T100 R               | B  | 75.2/25      |
| Q502    | 1590001190 | S.TR XP6501-(TX) .AB              | B  | 75.8/20.8    |
| Q506    | 1590003230 | S.TR UNR9113J-(TX)                | B  | 83.6/41      |
| Q507    | 1590003290 | S.TR UNR9213J-(TX)                | B  | 72.3/6.1     |
| Q508    | 1590001330 | S.TR DTA114EUA T106               | B  | 72.2/9       |
| Q509    | 1590000980 | S.TR DTB123EK T146                | B  | 72.4/12.3    |
| Q512    | 1590003290 | S.TR UNR9213J-(TX)                | B  | 72/18        |
| Q513    | 1590003290 | S.TR UNR9213J-(TX)                | B  | 74.9/15.6    |
| Q515    | 1560001360 | S.FET 2SK3019 TL                  | B  | 81/32.2      |
| Q516    | 1590003290 | S.TR UNR9213J-(TX)                | B  | 80.9/36      |
| Q517    | 1590003290 | S.TR UNR9213J-(TX)                | B  | 56.7/9       |
| D504    | 1790001250 | S.DIO MA2S111-(TX)                | B  | 71/25.1      |
| D505    | 1160000140 | S.DIO DAP222 TL                   | B  | 63.6/21.9    |
| D506    | 1160000140 | S.DIO DAP222 TL                   | B  | 63.6/26      |
| D508    | 1160000060 | S.DIO DAN202U T106                | B  | 75.1/5.7     |
| D509    | 1730002350 | S.ZEN MA8110-M (TX)               | B  | 56.1/11.1    |
|         | 1790001280 | S.DIO MA111 (TX)                  | B  | 56.1/11.1    |
|         |            | Except [EUR]<br>[F3161DT/DS]      |    |              |
| R503    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7 k)       | B  | 74/20        |
| R504    | 7030008290 | S.RES ERJ2GEJ 183 X (18 k)        | B  | 74.8/18.4    |
| R505    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)         | B  | 76.6/18.4    |
| R506    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)         | B  | 75.2/13.7    |
| R508    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 81.8/18.2    |
| R509    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 79.1/18.2    |
| R510    | 7030005720 | S.RES ERJ2GEJ 563 X (56 k)        | B  | 81.7/16.6    |
| R511    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 78.3/16.6    |
| R512    | 7030005530 | S.RES ERJ2GEJ 100 X (10)          | B  | 87.6/16.2    |
| R513    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 85.2/41.1    |
| R514    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)        | B  | 87.5/38.8    |
| R515    | 7030005080 | S.RES ERJ2GEJ 823 X (82 k)        | B  | 81.8/34      |
| R516    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 79.4/32.4    |
| R521    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 68.3/24.8    |
| R522    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 53.6/18.8    |
| R523    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 54.6/18.8    |
| R524    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 55.6/18.8    |
| R525    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 56.6/18.8    |
| R526    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 65.1/23      |
| R527    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 63.6/23.5    |
| R528    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 63.6/24.4    |
| R529    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 65/24.7      |
| R530    | 7030009280 | S.RES ERJ2GEJ 391 X               | B  | 71.6/14.4    |
| R531    | 7030005000 | S.RES ERJ2GEJ 471 X (470)         | B  | 82.7/33      |
| R532    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 65.2/32.2    |
| R533    | 7030007250 | S.RES ERJ2GEJ 220 X (22)          | B  | 63.2/27.8    |
|         |            | Except [EUR]<br>[F3161DT/DS]      |    |              |
| R534    | 7030010040 | S.RES ERJ2GEJ-JPW                 | B  | 63.2/27.8    |
|         | 7030007250 | S.RES ERJ2GEJ 220 X (22)          | B  | 64/29.1      |
|         |            | Except [EUR]<br>[F3161DT/DS]      |    |              |
| R535    | 7030010040 | S.RES ERJ2GEJ-JPW                 | B  | 64/29.1      |
| R536    | 7030004970 | S.RES ERJ2GEJ 470 X (47)          | B  | 69.7/3.4     |
| R537    | 7030004970 | S.RES ERJ2GEJ 470 X (47)          | B  | 69.7/5.4     |
| R538    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)         | B  | 69.7/4.4     |
| R539    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)         | B  | 72/3.1       |
| R539    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 69.7/2.4     |
| R540    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)        | B  | 80.3/20.2    |
| R541    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 79.4/20.2    |
| R542    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)        | B  | 81.7/28.3    |
| R543    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)        | B  | 82.6/27.1    |
| R544    | 7030004980 | S.RES ERJ2GEJ 101 X (100)         | B  | 82.6/29.9    |
| R546    | 7030009280 | S.RES ERJ2GEJ 391 X [F3161T] only | B  | 71.6/15.3    |
| R547    | 7030009280 | S.RES ERJ2GEJ 391 X [F3161T] only | B  | 71.6/16.2    |
| R548    | 7030005230 | S.RES ERJ2GEJ 334 X (330 k)       | B  | 74.4/8.5     |
| R552    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 79.8/30.4    |
| R553    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 72.9/41.7    |
|         |            | [F3161S] only                     |    |              |
| R554    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 79.4/41.3    |
|         |            | [F3161T] only                     |    |              |
| R555    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 74.4/9.4     |
| R557    | 7030005530 | S.RES ERJ2GEJ 100 X (10)          | B  | 87.6/35.7    |
|         |            | Except [EUR]<br>[F3161DT/DS]      |    |              |
| R558    | 7520000270 | S.POS PRG21BC4R7MM1RA             | B  | 87.6/35.7    |
|         |            | [F3161DT/DS]                      |    |              |
| R558    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)       | B  | 73.9/18.4    |
| R559    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)       | B  | 77.4/16.6    |
| R560    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)       | B  | 77.5/18.4    |
| R561    | 7030005000 | S.RES ERJ2GEJ 471 X (470)         | B  | 82.7/22.7    |
| R562    | 7030005000 | S.RES ERJ2GEJ 471 X (470)         | B  | 83.4/20.3    |
| R563    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 80.4/16.6    |
| R564    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)        | B  | 79.5/16.6    |
| R566    | 7030010040 | S.RES ERJ2GEJ-JPW                 | B  | 77.6/20.2    |
| R567    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 81/30.4      |
| R568    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 69.8/42.1    |
| R569    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 70.7/42.1    |
| R570    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 71.6/42.1    |
| R571    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | B  | 57.1/7.4     |
| C501    | 4550006760 | S.TAN TEESVB21A336M8R             | B  | 93.4/37.3    |
| C502    | 4550006760 | S.TAN TEESVB21A336M8R             | B  | 96.7/37.3    |
| C506    | 4550006250 | S.TAN TEESVA 1A 106M8R            | B  | 75.8/31.1    |
| C507    | 4550006250 | S.TAN TEESVA 1A 106M8R            | B  | 70.5/29      |
| C508    | 4550006250 | S.TAN TEESVA 1A 106M8R            | B  | 70.5/31.1    |
| C509    | 4030017460 | S.CER ECJ0EB1E102K                | B  | 75.6/12.5    |
| C510    | 4030016930 | S.CER ECJ0EB1A104K                | B  | 73.1/20      |

## [FRONT-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION             | M. | H/V LOCATION |
|---------|------------|-------------------------|----|--------------|
| C511    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 75.7/18.4    |
| C514    | 4550006250 | S.TAN TEESVA 1A 106M8R  | B  | 78.5/5.4     |
| C515    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 80.9/18.2    |
| C517    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 80/18.2      |
| C518    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 71.9/26.7    |
| C519    | 4030016950 | S.CER ECJ0EB1A473K      | B  | 87.6/14.6    |
| C520    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 87/41.1      |
| C522    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 85.2/39.9    |
| C523    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 80/34        |
| C525    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 80.9/34      |
| C526    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 70.9/26.7    |
| C527    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 86.1/41.1    |
| C528    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 80.3/41.3    |
| C529    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 58/29.5      |
| C530    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 81.2/41.3    |
| C531    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 56.4/29.5    |
| C532    | 4550007090 | S.TAN TEESVA 1A 226M8R  | B  | 67.4/39.9    |
| C534    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 65.8/38.2    |
| C535    | 4030016790 | S.CER ECJ0EB1C103K      | B  | 64.9/38.2    |
| C536    | 4550005980 | S.TAN TEESVA 1A 475M8R  | B  | 67/31.5      |
| C537    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 55/37.7      |
| C538    | 4550000460 | S.TAN TEESVA 1C 105M8R  | B  | 54.6/31.9    |
| C539    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 82.6/28.3    |
| C540    | 4030018140 | S.CER ECJ0EB1H391K      | B  | 81.2/20.2    |
| C541    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 74.4/7.6     |
| C542    | 4030017440 | S.CER ECJ0EC1H221J      | B  | 79.8/29.4    |
| C543    | 4550006250 | S.TAN TEESVA 1A 106M8R  | B  | 75.8/29      |
| C544    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 82.6/26.2    |
| C551    | 4030017420 | S.CER ECJ0EC1H470J      | T  | 87.9/24.4    |
| C552    | 4030017420 | S.CER ECJ0EC1H470J      | T  | 87.9/23.5    |
| C554    | 4030017420 | S.CER ECJ0EC1H470J      | T  | 87.9/21.7    |
| C556    | 4030017420 | S.CER ECJ0EC1H470J      | T  | 87.9/25.3    |
| C558    | 4030017420 | S.CER ECJ0EC1H470J      | T  | 87.8/28      |
| C559    | 4030016790 | S.CER ECJ0EB1C103K      | T  | 87.8/27.1    |
| C560    | 4030017770 | S.CER ECJ0EB1E332K      | B  | 78.5/20.2    |
| C561    | 4030016930 | S.CER ECJ0EB1A104K      | B  | 82.4/31.1    |
| C562    | 4030017460 | S.CER ECJ0EB1E102K      | B  | 69.1/19.5    |
| C563    | 4030017420 | S.CER ECJ0EC1H470J      | B  | 64.3/32.2    |
|         |            | [F3161DT/DS] only       |    |              |
| J501    | 6510025240 | S.CNR IMSA-9631S-20Y912 | B  | 63.5/11.4    |
| J502    | 6510025250 | S.CNR IMSA-9631S-08Y912 | B  | 58.8/35.5    |
| J503    | 6510025260 | S.CNR IMSA-9631S-10Y912 | B  | 89.8/24.4    |
| DS501   | 5040002961 | S.LED SML-A12MT T86J    | T  | 82.9/33.6    |
| DS502   | 5040002961 | S.LED SML-A12MT T86J    | T  | 82.9/23.1    |
| DS503   | 5040002961 | S.LED SML-A12MT T86J    | T  | 82.9/12.6    |
| DS504   | 5040002420 | S.LED SML-310MT T86     | T  | 38.1/12.9    |
| DS505   | 5040002420 | S.LED SML-310MT T86     | T  | 38.1/30.9    |
| DS506   | 5040002420 | S.LED SML-310MT T86     | T  | 29.2/14.9    |
| DS507   | 5040002420 | S.LED SML-310MT T86     | T  | 29.2/28.9    |
| DS508   | 5040002420 | S.LED SML-310MT T86     | T  | 11.7/14.9    |
| DS509   | 5040002420 | S.LED SML-310MT T86     | T  | 11.7/28.9    |
| DS510   | 5030003140 | LCD M7-0626TIZ          |    |              |
| MC501   | 7700002760 | MIC EM6027P-46C33-G-01  |    |              |
| W501    | 9028930010 | WIR 23/04/020/W02/W02   |    |              |
| W502    | 9014506004 | WIR 23/00/025/W02/W02   |    |              |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

S.=Surface mount

## [MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                            | M. | H/V LOCATION |
|---------|------------|----------------------------------------|----|--------------|
| IC1     | 1130010100 | S.IC LMX2352TMX/NOPB                   | B  | 58.2/18.3    |
| IC3     | 1110003491 | S.IC TA31136FNG (D,EL)                 | B  | 76.6/32.9    |
| IC4     | 1190001350 | S.IC M62364FP 600D                     | B  | 42.1/18.1    |
| IC5     | 1110006221 | S.IC AK2346P-E2/P                      | B  | 51.3/36.4    |
| IC6     | 1110005350 | S.IC NJM2870F05-TE1                    | B  | 96.8/10.2    |
| IC8     | 1110005771 | S.IC S-80942CNMC-G9CT2G                | B  | 13.2/28.8    |
| IC9     | 1110005340 | S.IC NJM12902V-TE1                     | B  | 42.4/29      |
| IC10    | 1130012960 | S.IC BU8872FS-E2                       | B  | 5.8/15.4     |
| IC13    | 1140013200 | S.IC CD4053BPWR                        | B  | 41.7/8.2     |
| IC14    | 1140013200 | S.IC CD4053BPWR                        | B  | 49.1/8.2     |
| IC15    | 1110005310 | S.IC AN6123MS                          | T  | 50.8/23.2    |
| IC17    | 1110005340 | S.IC NJM12902V-TE1                     | B  | 25.6/38.1    |
| IC18    | 1140010191 | S.IC HD64F2268TF20V                    | B  | 23/23.1      |
| IC19    | 1140012950 | S.IC 24LC512T-I/SM                     | B  | 25/6.7       |
| IC20    | 1190001340 | S.IC M62334FP 600C                     | T  | 99.1/34.7    |
| IC21    | 1120002830 | S.IC NJM2125F-TE1                      | B  | 53.9/25.1    |
| IC22    | 1140013200 | S.IC CD4053BPWR                        | B  | 4.7/29.2     |
| IC24    | 1130011760 | S.IC CD4094BPWR                        | B  | 15.1/7.4     |
| Q1      | 1530002920 | S.TR 2SC4226-T1 R25                    | T  | 80.6/11.6    |
| Q2      | 1530002920 | S.TR 2SC4226-T1 R25                    | T  | 76.4/16.4    |
| Q3      | 1530002920 | S.TR 2SC4226-T1 R25                    | T  | 78.4/22.7    |
| Q4      | 1530003311 | S.TR 2SC5107-O (TE85R,F)               | T  | 80/17.1      |
| Q5      | 1530003311 | S.TR 2SC5107-O (TE85R,F)               | B  | 78.5/25.5    |
| Q6      | 1530002920 | S.TR 2SC4226-T1 R25                    | B  | 84.4/19.8    |
| Q10     | 1580000731 | S.FET 3SK293 (TE85L,F)                 | T  | 100.4/20     |
| Q11     | 1560000840 | S.FET 2SK1829 (TE85R)                  | B  |              |
|         |            | [F3061T], [F3063T], [F3061S], [F3063S] | B  | 99.6/19.2    |
|         | 1560000841 | S.FET 2SK1829 (TE85R,F)                | B  |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01]    | B  | 99.6/19.2    |
| Q12     | 1520000460 | S.TR 2SB1132 T100 R                    | T  | 98.9/9.7     |
| Q13     | 1590001190 | S.TR XP6501-(TX).AB                    | T  | 104.7/8.7    |
| Q14     | 1510000920 | S.TR 2SA1577 T106 Q                    | B  | 93.4/7.2     |
| Q15     | 1510000920 | S.TR 2SA1577 T106 Q                    | B  | 90.7/9.5     |
| Q16     | 1510000920 | S.TR 2SA1577 T106 Q                    | T  | 90.2/9.8     |
| Q17     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)              | B  | 75.3/18.3    |
| Q18     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)              | B  | 67.1/29.6    |
| Q21     | 1590001400 | S.TR XP1214 (TX)                       | B  | 78.9/15.3    |
| Q22     | 1590001400 | S.TR XP1214 (TX)                       | B  | 78.9/20.4    |
| Q23     | 1590003290 | S.TR UNR9213J-(TX)                     | B  | 82.2/16      |
| Q24     | 1590003290 | S.TR UNR9213J-(TX)                     | B  | 59.7/31      |
| Q25     | 1530002601 | S.TR 2SC4215-O (TE85R,F)               | B  | 86.9/35.1    |
| Q26     | 1590003230 | S.TR UNR9113J-(TX)                     | B  | 67.7/33.8    |
| Q27     | 1590003230 | S.TR UNR9113J-(TX)                     | B  | 95/32.4      |
| Q28     | 1590001650 | S.TR XP4601 (TX)                       | B  | 64.1/35.9    |
| Q30     | 1590003321 | S.FET TPC6103 (TE85L,F)                | B  | 101.2/9.1    |
| Q31     | 1590003290 | S.TR UNR9213J-(TX)                     | T  | 93.2/7.5     |
| Q32     | 1560001360 | S.FET 2SK3019 TL                       | B  | 62.8/13      |
| Q33     | 1560000541 | S.FET 2SK880-Y (T5RICOM,F)             | B  | 61.6/25.2    |
| Q34     | 1590003290 | S.TR UNR9213J-(TX)                     | B  | 34.8/35.2    |
| Q35     | 1590003290 | S.TR UNR9213J-(TX)                     | T  | 16.7/26.7    |
| Q37     | 1580000800 | S.FET 3SK324UG-TL-E                    | T  | 89.2/16      |
| Q38     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)              | T  | 74.3/41.9    |
| Q41     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)              | T  | 86.9/22      |
| Q42     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)              | B  | 89.8/21.9    |
| Q44     | 1590003230 | S.TR UNR9113J-(TX)                     | B  | 8.6/10.7     |
| Q45     | 1560001360 | S.FET 2SK3019 TL                       | T  | 49.3/27      |
| Q46     | 1590003290 | S.TR UNR9213J-(TX)                     | T  | 95.3/7.5     |
| D1      | 1750000771 | S.VCP HVC376BTRF-E                     | T  | 71.2/11.6    |
| D2      | 1750000771 | S.VCP HVC376BTRF-E                     | T  | 70.3/10      |
| D3      | 1720000640 | S.VCP 1SV284 (TPH3)                    | T  |              |
|         |            | [F3061T], [F3063T], [F3061S], [F3063S] | T  | 67.6/10      |
|         | 1720000641 | S.VCP 1SV284 (TPH3,F)                  | T  |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01]    | T  | 67.6/10      |
| D4      | 1720000640 | S.VCP 1SV284 (TPH3)                    | T  |              |
|         |            | [F3061T], [F3063T], [F3061S], [F3063S] | T  | 66.4/10      |
|         | 1720000641 | S.VCP 1SV284 (TPH3,F)                  | T  |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01]    | T  | 66.4/10      |
| D5      | 1720000640 | S.VCP 1SV284 (TPH3)                    | T  |              |
|         |            | [F3061T], [F3063T], [F3061S], [F3063S] | T  | 65.5/15.3    |
|         | 1720000641 | S.VCP 1SV284 (TPH3,F)                  | T  |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01]    | T  | 65.5/15.3    |
| D6      | 1720000640 | S.VCP 1SV284 (TPH3)                    | T  |              |
|         |            | [F3061T], [F3063T], [F3061S], [F3063S] | T  | 66.7/15.3    |
|         | 1720000641 | S.VCP 1SV284 (TPH3,F)                  | T  |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01]    | T  | 66.7/15.3    |
| D7      | 1750000771 | S.VCP HVC376BTRF-E                     | T  | 69.3/14.4    |
| D8      | 1750000771 | S.VCP HVC376BTRF-E                     | T  | 69.3/16.9    |
| D9      | 1720000471 | S.VCP 1SV239 (TPH3,F)                  | T  | 69.2/21.5    |
| D10     | 1750000721 | S.VCP HVC375BTRF-E                     | T  | 72.6/22.3    |
| D11     | 1750000771 | S.VCP HVC376BTRF-E                     | T  | 68.1/25.1    |
| D12     | 1750000771 | S.VCP HVC376BTRF-E                     | T  | 65.5/25      |
| D13     | 1790001250 | S.DIO MA25111-(TX)                     | B  | 75.3/20.2    |
| D14     | 1790001621 | S.DIO 1SV308 (TPL3,F)                  | B  | 87.7/14.2    |
| D15     | 1790001260 | S.DIO MA25077-(TX)                     | T  | 86.1/17      |
| D21     | 1790001240 | S.DIO MA25728-(TX)                     | B  | 99.7/34.8    |
| D22     | 1790001260 | S.DIO MA25077-(TX)                     | B  | 99.7/33.6    |
| D23     | 1750000721 | S.VCP HVC375BTRF-E                     | T  | 104.7/23.7   |
| D24     | 1750000721 | S.VCP HVC375BTRF-E                     | T  | 104.7/20.7   |
| D25     | 1790001250 | S.DIO MA25111-(TX)                     | B  | 103.3/18.7   |
| D26     | 1750000370 | S.DIO DA221 TL                         | B  | 99.4/24.1    |
| D27     | 1750000370 | S.DIO DA221 TL                         | B  | 100.2/21.8   |
| D28     | 1750000711 | S.VCP HVC350BTRF-E                     | T  | 95.6/19.1    |
| D29     | 1750000711 | S.VCP HVC350BTRF-E                     | T  | 94.1/19.9    |
| D30     | 1790001260 | S.DIO MA25077-(TX)                     | B  | 68.5/24.3    |
| D31     | 1790001260 | S.DIO MA25077-(TX)                     | B  | 71.1/24.3    |
| D32     | 1750001070 | S.DIO DAN235ETL                        | T  | 70.8/39.2    |
| D33     | 1750001070 | S.DIO DAN235ETL                        | T  | 70.6/34.3    |
| D34     | 1750001070 | S.DIO DAN235ETL                        | B  | 90.3/19.6    |
| D35     | 1750001070 | S.DIO DAN235ETL                        | B  | 91.1/34.5    |
| D36     | 1160000060 | S.DIO DAN202U T106                     | T  | 93.9/10.6    |

## [MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.   | DESCRIPTION                 | M. | H/V LOCATION |
|---------|-------------|-----------------------------|----|--------------|
| D37     | 1730002320  | S.ZEN MA8051-M (TX)         | T  | 14.2/25.1    |
| D38     | 1790001260  | S.DIO MA25077-(TX)          | B  | 12.8/32.6    |
| D40     | 1160000050  | S.DIO DAP202U T106          | B  | 19.1/37      |
| D41     | 1790001250  | S.DIO MA25111-(TX)          | B  | 46/25        |
| D42     | 1160000140  | S.DIO DAP222 TL             | T  | 17.9/12.3    |
| F11     | 20300000500 | S.MLH FL-401 (46.35 MHz)    | T  |              |
|         |             | Except [FRG-01]             | T  | 91.4/27.4    |
| F12     | 20300000690 | S.MLH FL-401A (46.35MHz)    | T  |              |
|         | 2020002120  | S.CER CFWCA450KGFA-R0       | T  | 91.4/27.4    |
|         |             | Except [FRG-01]             | T  | 65/34.6      |
| F13     | 2020002240  | S.CER CFWKA450KGFA-R0       | T  |              |
|         | 2020002180  | S.CER CFWKA450KHFA-R0       | T  | 65/34.6      |
| F14     | 20300000150 | S.MLH FL-335 (46.350 MHz)   | T  | 76.7/34.6    |
|         |             |                             | B  | 91.4/27.4    |
| X1      | 6050012340  | S.XTL CR-825 (15.6 MHz)     | B  |              |
|         | 6050012380  | S.XTL CR-826 (15.3 MHz)     | B  | 57.9/26.5    |
|         |             | Except [FRG-01]             | B  | 57.9/26.5    |
| X2      | 6050011720  | S.XTL CR-764 (19.6608 MHz)  | T  | 2.9/32.3     |
| X3      | 6050011730  | S.XTL CR-765 (3.6864 MHz)   | T  | 51.2/35.3    |
| X4      | 6050012320  | S.XTL CR-818 (4.194304 MHz) | T  | 2.9/15.2     |
| X5      | 6070000190  | S.DCR CDBCBA450KCAY24-R0    | T  |              |
|         |             | Except [FRG-01]             | T  | 84.5/38.2    |
|         | 6070000191  | S.DCR CDBKB450KCAY24-R0     | T  | 84.5/38.2    |
| L1      | 6200004660  | S.COL MLF1608A 1R8K-T       | B  | 52.9/21      |
| L2      | 6200007170  | S.COL MLF1608A 3R3K-T       | T  | 69.1/11      |
| L3      | 6200007170  | S.COL MLF1608A 3R3K-T       | T  | 68.1/15.3    |
| L4      | 6200007170  | S.COL MLF1608A 3R3K-T       | T  | 66.8/28.3    |
| L5      | 6200003640  | S.COL MLF1608E 100K-T       | T  | 68/6.8       |
| L6      | 6200007170  | S.COL MLF1608A 3R3K-T       | T  | 65.2/10      |
| L7      | 6200002390  | S.COL LQW31HN64NJ03L        | T  | 74.3/9.6     |
| L8      | 6200011120  | S.COL 0.40-2.00-10TL 90.5N  | T  |              |
|         |             | Except [FRG-01]             | T  | 71.6/16.2    |
|         |             | [FRG-01]                    | T  | 71.6/16.2    |
| L9      | 6200012710  | S.COL MLF1608E 100K-T       | T  | 67/18.4      |
| L10     | 6200007170  | S.COL MLF1608A 3R3K-T       | T  | 64.2/15.3    |
| L11     | 6200008190  | S.COL 0.25-1.9-8TL 80N      | T  |              |
|         |             | Except [FRG-01]             | T  | 73.3/25.3    |
|         |             | [FRG-01]                    | T  | 73.3/25.3    |
| L12     | 6200003640  | S.COL MLF1608E 100K-T       | T  | 70.1/26.1    |
| L13     | 6200008090  | S.COL LQW2BHN68NJ03L        | T  | 64.7/22.9    |
| L14     | 6200007170  | S.COL MLF1608A 3R3K-T       | T  | 70.5/23.1    |
| L15     | 6200006981  | S.COL ELJRE R10GFA          | T  | 80.9/19      |
| L16     | 6200007911  | S.COL ELJRF 18NJFB          | B  | 76.6/26.4    |
| L17     | 6200009101  | S.COL ELJRE R18GFA          | B  | 85.2/17.9    |
| L29     | 6200005741  | S.COL ELJRE 47NGFA          | B  | 101.3/31.9   |
| L30     | 6200007750  | S.COL LQW2BHN56NJ03L        | B  | 100.3/36.4   |
| L31     | 6200008090  | S.COL LQW2BHN68NJ03L        | T  | 103.5/25.3   |
| L32     | 6200008090  | S.COL LQW2BHN68NJ03L        | T  | 104.2/19     |
| L33     | 6200007750  | S.COL LQW2BHN56NJ03L        | T  | 98/21.1      |
| L34     | 6200007750  | S.COL LQW2BHN56NJ03L        | T  | 92.5/17.8    |
| L38     | 6200006671  | S.COL ELJRE 68NGFA          | T  | 89.6/13.1    |
| L39     | 6200005731  | S.COL ELJRE 39NGFA          | T  | 87.3/16.9    |
| L40     | 6200007911  | S.COL ELJRF 18NJFB          | B  | 66.5/26.4    |
| L45     | 6200004480  | S.COL MLF1608D R82K-T       | B  | 73.7/29      |
| L46     | 6200003540  | S.COL MLF1608D R22K-T       | B  | 69.1/30.4    |
| L49     | 6200007850  | S.COL ELJNC R82K-F          | B  | 92.2/17.3    |
| L50     | 6200011031  | S.COL ELJRF R10JFB          | B  | 53.5/41.3    |
| R1      | 7030005170  | S.RES ERJ2GEJ 474 X (470 k) | B  |              |
|         |             | [F3061T], [F3063T]          | B  | 54.1/27.3    |
|         | 7030005700  | S.RES ERJ2GEJ 274 X (270 k) | B  |              |
|         |             | [F3062T], [F3060S]          | B  | 54.1/27.3    |
| R2      | 7030005050  | S.RES ERJ2GEJ 103 X (10 k)  | B  | 51.4/23.8    |
| R3      | 7030005110  | S.RES ERJ2GEJ 224 X (220 k) | B  | 52.9/28.3    |
| R4      | 7030005000  | S.RES ERJ2GEJ 471 X (470)   | T  | 57.9/22.4    |
| R5      | 7030006610  | S.RES ERJ2GEJ 394 X (390 k) | B  | 54.1/29.1    |
| R6      | 7410001130  | S.ARY EXB28V102JX           | B  | 53/15.7      |
| R7      | 7030010040  | S.RES ERJ2GEJ-JPW           | B  | 63/20.5      |
| R9      | 7030008400  | S.RES ERJ2GEJ 182 X (1.8 k) | B  | 63.5/21.7    |
| R11     | 7030007340  | S.RES ERJ2GEJ 153 X (15 k)  | B  | 62.1/23.5    |
| R12     | 7030005030  | S.RES ERJ2GEJ 152 X (1.5 k) | B  | 65.8/20.3    |
| R13     | 7030010040  | S.RES ERJ2GEJ-JPW           | T  | 79.8/9.3     |
| R14     | 7030011000  | S.RES RR0510P-392-D (3.9 k) | T  | 78.5/9.5     |
| R15     | 7030008340  | S.RES RR0510P-182-D (1.8 k) | T  | 78.5/10.5    |
| R16     | 7030011000  | S.RES RR0510P-392-D (3.9 k) | T  | 74.6/13.2    |
| R17     | 7030008340  | S.RES RR0510P-182-D (1.8 k) | T  | 74.6/15.7    |
| R18     | 7030010040  | S.RES ERJ2GEJ-JPW           | T  | 75.8/14.5    |
| R19     | 7030011000  | S.RES RR0510P-392-D (3.9 k) | T  | 76.5/25.6    |
| R20     | 7030008340  | S.RES RR0510P-182-D (1.8 k) | T  | 78.5/24.8    |
| R21     | 7030010040  | S.RES ERJ2GEJ-JPW           | T  | 77.5/24.8    |
| R22     | 7030005000  | S.RES ERJ2GEJ 471 X (470)   | T  | 81.4/13.9    |
| R23     | 7030005000  | S.RES ERJ2GEJ 471 X (470)   | T  | 78.1/14.1    |
| R24     | 7030008370  | S.RES ERJ2GEJ 561 X (560)   | T  | 78/21        |
| R25     | 7030005050  | S.RES ERJ2GEJ 103 X (10 k)  | B  | 77.2/19      |
| R26     | 7030005240  | S.RES ERJ2GEJ 473 X (47 k)  | B  | 80.8/20.5    |
| R27     | 7030005240  | S.RES ERJ2GEJ 473 X (47 k)  | B  | 83.2/13.6    |
| R28     | 7030007290  | S.RES ERJ2GEJ 222 X (2.2 k) | B  | 75.3/21.3    |
| R29     | 7030005090  | S.RES ERJ2GEJ 104 X (100 k) | T  | 79/19.1      |
| R30     | 7030004980  | S.RES ERJ2GEJ 101 X (100)   | T  | 81.7/20.6    |
| R31     | 7030005240  | S.RES ERJ2GEJ 473 X (47 k)  | B  | 80.3/25.2    |
| R32     | 7030004980  | S.RES ERJ2GEJ 101 X (100)   | B  | 80.8/26.5    |
| R33     | 7030009320  | S.RES ERJ2GEJ 4R7 X (4.7)   | B  | 82.1/19.2    |
| R34     | 7030005090  | S.RES ERJ2GEJ 104 X (100 k) | B  | 83.5/17.7    |
| R35     | 7030004980  | S.RES ERJ2GEJ 101 X (100)   | B  | 84.8/16.8    |
| R36     | 7030010040  | S.RES ERJ2GEJ-JPW           | B  | 83.5/21.8    |
| R37     | 7030005040  | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 86.1/14.3    |
| R38     | 7030005050  | S.RES ERJ2GEJ 103 X (10 k)  | B  | 89.6/12.9    |
| R60     | 7030005090  | S.RES ERJ2GEJ 104 X (100 k) | T  | 103.9/22.6   |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



## [MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                          | M. | H/V LOCATION |
|---------|------------|--------------------------------------|----|--------------|
| R61     | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | T  | 103.9/21.7   |
| R62     | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | T  | 102.7/22.5   |
| R63     | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | T  | 102.7/17.4   |
| R64     | 7030005310 | S.RES ERJ2GEJ 124 X (120 k)          | T  | 103.9/15.7   |
| R65     | 7030008280 | S.RES ERJ2GEJ 271 X (270)            | T  | 99.8/23.6    |
| R66     | 7030005530 | S.RES ERJ2GEJ 100 X (10 k)           | T  | 101.1/22.1   |
| R67     | 7030006610 | S.RES ERJ2GEJ 394 X (390 k)          | B  | 102.2/19.8   |
| R68     | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 97.4/18.5    |
| R69     | 7030005170 | S.RES ERJ2GEJ 474 X (470 k)          | B  | 101.5/17.9   |
| R70     | 7030005110 | S.RES ERJ2GEJ 224 X (220 k)          | B  | 103.2/17     |
| R71     | 7030005720 | S.RES ERJ2GEJ 563 X (56 k)           | B  | 98.7/21.4    |
| R72     | 7030009320 | S.RES ERJ2GEJ 4R7 X (4.7)            | B  | 96.6/23.5    |
| R73     | 7030004970 | S.RES ERJ2GEJ 470 X (47)             | B  | 96.6/22.6    |
| R74     | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | T  | 98.6/18.6    |
| R75     | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | T  | 95.4/21.1    |
| R76     | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | T  | 94.2/21.9    |
| R77     | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | T  | 95.7/23.1    |
| R86     | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | T  | 85/17.4      |
| R87     | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 85/13.5      |
| R88     | 7030005580 | S.RES ERJ2GEJ 560 X (56)             | T  | 59.8/17.5    |
| R89     | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 67.5/24.7    |
| R90     | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 70.1/24.3    |
| R91     | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 59.9/32.5    |
| R95     | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 88.7/36.2    |
| R98     | 7030005010 | S.RES ERJ2GEJ 681 X (680)            | B  | 87.2/36.9    |
| R99     | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | B  | 89.2/37.4    |
| R100    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 77.8/36.6    |
| R101    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k)          | T  | 82.9/33.1    |
| R102    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5 k)          | B  | 71.4/31.9    |
| R103    | 7030004970 | S.RES ERJ2GEJ 470 X (47)             | B  | 76.2/39.9    |
| R104    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)           | B  | 70.9/35.7    |
| R105    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | T  | 69.1/34.4    |
| R106    | 7030010040 | S.RES ERJ2GEJ-JPW                    | T  | 70.3/36.8    |
| R107    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2 k)          | T  | 71.5/37.6    |
| R108    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2 k)          | T  | 72.3/35.2    |
| R109    | 7030007060 | S.RES ERJ2GEJ 684X (680 k)           | B  | 65/29.4      |
| R110    | 7030007570 | S.RES ERJ2GEJ 122 X (1.2 k)          | B  | 67.2/32.3    |
| R111    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)           | T  | 70.8/41.2    |
| R112    | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | B  | 80/36.2      |
| R113    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | B  | 48.1/17.7    |
| R115    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)           | B  | 92.1/19      |
| R116    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | T  | 91/20.3      |
| R117    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | B  | 87.6/22.1    |
| R118    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | B  | 93.6/33.5    |
| R119    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | T  | 91.9/33      |
| R120    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)           | B  | 91.5/36.1    |
| R121    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 72.2/35      |
| R122    | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | B  | 75/36.6      |
| R123    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 73.2/38.2    |
| R124    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 74.1/38.2    |
| R126    | 7030005230 | S.RES ERJ2GEJ 334 X (330 k)          | B  | 37.1/29.1    |
| R127    | 7030005310 | S.RES ERJ2GEJ 124 X (120 k)          | B  | 38/30.7      |
| R128    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)            | T  | 48/35.2      |
| R130    | 7030007570 | S.RES ERJ2GEJ 122 X (1.2 k)          | B  | 62.2/36.3    |
| R131    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 64.6/37.6    |
| R132    | 7030005070 | S.RES ERJ2GEJ 683 X (68 k)           | B  | 63/37.6      |
| R133    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | B  | 64.8/34.1    |
| R134    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)           | B  | 64.8/33.1    |
| R135    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | B  | 63.2/33.1    |
| R136    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 62.3/34      |
| R137    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)           | B  | 66.9/37.1    |
| R138    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)           | B  | 67.8/38      |
| R139    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)           | B  | 68.8/38      |
| R140    | 7030011660 | S.RES ERJ2RKF 1002 (10 k)            | B  | 57.3/39.6    |
| R141    | 7030011670 | S.RES ERJ2RKF 3902 (39 k)            | B  | 57.3/41.2    |
| R142    | 7030011660 | S.RES ERJ2RKF 1002 (10 k)            | B  | 56.4/38      |
| R143    | 7030011670 | S.RES ERJ2RKF 3902 (39 k)            | T  | 54.3/38.2    |
| R144    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)            | B  | 45.9/38      |
| R145    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)          | T  | 48/30.4      |
| R146    | 7030010040 | S.RES ERJ2GEJ-JPW                    | T  | 44/29.2      |
| R147    | 7030005230 | S.RES ERJ2GEJ 334 X (330 k)          | T  | 56.5/38.9    |
| R148    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)           | T  | 56.5/39.9    |
| R149    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)           | T  | 55.2/37.6    |
| R150    | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | B  | 33.3/7.4     |
| R151    | 7030005000 | S.RES ERJ2GEJ 471 X (470)            | T  | 45.9/19.2    |
| R152    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) [FRG-01] | T  | 48/38.4      |
|         | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)            | T  | 48/38.4      |
|         |            | Except [FRG-01]                      | T  | 48/38.4      |
| R153    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | T  | 46.8/34.8    |
|         | 7030005070 | S.RES ERJ2GEJ 683 X (68 k)           | T  | 46.8/34.8    |
|         |            | Except [FRG-01]                      | T  | 46.8/34.8    |
| R154    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)           | T  | 46.8/35.7    |
|         | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | T  | 46.8/35.7    |
|         |            | Except [FRG-01]                      | T  | 46.8/35.7    |
| R155    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 45.9/5       |
|         |            | Except [FRG-01]                      | B  | 45.9/5       |
| R156    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2 k)          | B  | 52.4/6.2     |
| R157    | 7030005720 | S.RES ERJ2GEJ 563 X (56 k)           | B  | 54.2/6.9     |
| R158    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)           | B  | 45.2/39.8    |
| R159    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)          | B  | 45.2/38.9    |
| R161    | 7030010040 | S.RES ERJ2GEJ-JPW                    | B  | 38/29.1      |
| R162    | 7030005240 | S.RES ERJ2GEJ 473 X (47 k)           | B  | 53.6/9.6     |
| R163    | 7030005240 | S.RES ERJ2GEJ 473 X (47 k)           | T  | 39.3/21.4    |
| R164    | 7030005700 | S.RES ERJ2GEJ 274 X (270 k)          | T  | 38.4/21.4    |
| R165    | 7030008410 | S.RES ERJ2GEJ 392 X (3.9 k)          | B  | 42.5/24.2    |
| R166    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)          | B  | 38.4/6.1     |
| R167    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)           | B  | 37.2/7.5     |
| R168    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k)          | B  | 48.7/29.8    |
| R169    | 7030011650 | S.RES ERJ2GEJ 243X (24 k)            | B  | 46.7/30.7    |
| R170    | 7030004980 | S.RES ERJ2GEJ 101 X (100)            | T  | 53.9/22.6    |
| R171    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)            | T  | 48.3/22.7    |
| R174    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7 k)          | T  | 51.8/25.8    |
| R175    | 7030009270 | S.RES ERJ2GEJ 821 X (820)            | T  | 50.9/25.8    |

## [MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION |                       | M. | H/V LOCATION |
|---------|------------|-------------|-----------------------|----|--------------|
| R176    | 7030005060 | S.RES       | ERJ2GEJ 333 X (33 k)  | B  | 35.7/8.8     |
| R177    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 53.6/10.5    |
| R178    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | T  | 38.7/30.5    |
| R179    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | T  | 40.7/25.7    |
| R180    | 7030005700 | S.RES       | ERJ2GEJ 274 X (270 k) | B  | 39.5/34.2    |
| R181    | 7030005100 | S.RES       | ERJ2GEJ 154 X (150 k) | T  | 21.9/35.4    |
|         | 7030011680 | S.RES       | ERJ2RKF 2703 (270 k)  |    |              |
|         |            |             | Except [FRG-01]       | T  | 21.9/35.4    |
| R182    | 7030010040 | S.RES       | ERJ2GEJ-JPW           | B  | 40.7/24.2    |
| R183    | 7030007060 | S.RES       | ERJ2GEJ 684X (680 k)  | B  | 46.7/27      |
| R184    | 7030009140 | S.RES       | ERJ2GEJ 272 X (2.7 k) | B  | 44.5/25.7    |
| R185    | 7030005230 | S.RES       | ERJ2GEJ 334 X (330 k) | B  | 47.6/28.9    |
| R186    | 7030007340 | S.RES       | ERJ2GEJ 153 X (15 k)  | B  | 48/25.4      |
| R189    | 7030010040 | S.RES       | ERJ2GEJ-JPW           | B  | 91.5/7.3     |
| R190    | 7030005700 | S.RES       | ERJ2GEJ 274 X (270 k) | B  | 99.8/11.2    |
| R191    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 99/9.1       |
| R192    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 102/9.2      |
| R193    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | T  | 99.5/6.2     |
| R194    | 7030007290 | S.RES       | ERJ2GEJ 222 X (2.2 k) | T  | 96.8/3.7     |
| R195    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 95.3/6.9     |
| R196    | 7030005040 | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 93.8/9.3     |
| R197    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 90.7/11.4    |
| R198    | 7030005040 | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 89.1/11.4    |
| R199    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 92.2/9.4     |
| R200    | 7030005040 | S.RES       | ERJ2GEJ 472 X (4.7 k) | T  | 90.1/8.1     |
| R201    | 7030005110 | S.RES       | ERJ2GEJ 224 X (220 k) | B  | 62.5/11.4    |
| R202    | 7030005110 | S.RES       | ERJ2GEJ 224 X (220 k) | B  | 70.2/21.5    |
| R203    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | B  | 61/29.9      |
| R204    | 7030008370 | S.RES       | ERJ2GEJ 561 X (560)   | T  | 60.1/29.4    |
| R205    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 59.7/31.5    |
| R206    | 7030005040 | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 28.2/33.4    |
| R208    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 26.4/33.4    |
| R209    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 24.6/33.4    |
| R210    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 22.8/33.4    |
| R211    | 7030005700 | S.RES       | ERJ2GEJ 274 X (270 k) | T  | 8.3/22.6     |
| R212    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 22.1/37.1    |
| R213    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 22.1/38.9    |
| R214    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 22.1/39.9    |
| R215    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 20.5/41.7    |
| R216    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 20.5/40.7    |
| R217    | 7030005080 | S.RES       | ERJ2GEJ 823 X (82 k)  | B  | 41.3/25.7    |
| R219    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | T  | 17.1/30.8    |
| R220    | 7030005720 | S.RES       | ERJ2GEJ 563 X (56 k)  | B  | 39.5/25.7    |
| R221    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 31.3/18.9    |
| R222    | 7410001130 | S.ARY       | EXB28V102JX           | T  | 30.2/20.4    |
| R223    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 29.8/16.3    |
| R225    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 28/14.5      |
| R226    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 26.3/12.7    |
| R227    | 7410001130 | S.ARY       | EXB28V102JX           | T  | 21.3/15.6    |
| R228    | 7030005000 | S.RES       | ERJ2GEJ 471 X (470)   | T  | 103.3/33.9   |
| R229    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 28.7/9.6     |
| R230    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 31.2/5.2     |
| R231    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 102.4/35.6   |
| R233    | 7410001140 | S.ARY       | EXB28V104JX           | T  | 22.2/21.2    |
| R235    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 16.7/15.5    |
| R236    | 7410001140 | S.ARY       | EXB28V104JX           | T  | 23.8/19.2    |
| R237    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | B  | 14.8/16.6    |
| R238    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | B  | 12.9/22.2    |
| R239    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 13.6/26.8    |
| R240    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 33.8/27.1    |
| R242    | 7410000770 | S.ARY       | EXB-V4V 102JV (1 k)   | B  | 33.3/20.6    |
| R243    | 7030005530 | S.RES       | ERJ2GEJ 100 X (10)    | T  | 7.7/28.7     |
| R244    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | T  | 6.5/29.1     |
| R245    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 18.6/30.9    |
| R246    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 11.1/33.7    |
| R247    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 10.2/32.1    |
| R248    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | T  | 22.1/26.3    |
| R249    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 21.3/24.3    |
| R251    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 27.6/31.9    |
| R252    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 27.9/30.9    |
| R253    | 7410001140 | S.ARY       | EXB28V104JX           | T  | 27.9/28.9    |
| R254    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | B  | 27.4/31.7    |
| R255    | 7410000770 | S.ARY       | EXB-V4V 102JV (1 k)   | T  | 25.3/30.9    |
| R256    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | B  | 33.1/25.2    |
| R257    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 32.3/28.9    |
| R258    | 7410001140 | S.ARY       | EXB28V104JX           | T  | 33.2/29.6    |
| R259    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 34.1/27.1    |
| R260    | 7030010040 | S.RES       | ERJ2GEJ-JPW           | B  | 29.2/34.9    |
| R261    | 7030005220 | S.RES       | ERJ2GEJ 223 X (22 k)  | T  | 22.8/33.8    |
| R262    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 21.9/33.4    |
| R263    | 7030008300 | S.RES       | ERJ2GEJ 184 X (180 k) | T  | 25.5/24.2    |
| R264    | 7030005720 | S.RES       | ERJ2GEJ 563 X (56 k)  | T  | 25.5/25.1    |
| R265    | 7030005220 | S.RES       | ERJ2GEJ 223 X (22 k)  | T  | 25.5/26      |
| R266    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | T  | 21.9/33.8    |
| R267    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 12.9/18.6    |
| R268    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 10.6/24      |
| R272    | 7030004970 | S.RES       | ERJ2GEJ 470 X (47)    | T  | 90/18.9      |
| R273    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | T  | 88.7/14.2    |
| R274    | 7030008400 | S.RES       | ERJ2GEJ 182 X (1.8 k) | B  | 89.4/17.2    |
| R275    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | B  | 90.3/15.6    |
| R276    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 8/22.8       |
| R277    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 41.2/1.4     |
| R279    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 22.7/11.3    |
| R280    | 7510001730 | S.TMR       | ERTJOEP 473J          | B  | 58.8/6.9     |
| R281    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 59.2/5.4     |
| R282    | 7030005310 | S.RES       | ERJ2GEJ 124 X (120 k) | T  | 71.4/21.6    |
| R283    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 35.3/16.7    |
| R284    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | T  | 36.3/16.6    |
| R286    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 37.5/14.9    |
| R287    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 28.6/40.9    |
| R288    | 7030005720 | S.RES       | ERJ2GEJ 563 X (56 k)  | B  | 29.2/37.6    |
| R289    | 7030005310 | S.RES       | ERJ2GEJ 124 X (120 k) | B  | 29.2/39.4    |
| R290    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 28.9/40.7    |
| R291    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | T  | 46.8/24.5    |

[MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                                                         | M. | H/V LOCATION |
|---------|------------|---------------------------------------------------------------------|----|--------------|
| R292    | 7030007270 | S.RES ERJ2GEJ 151 X (150)                                           | B  | 88.7/33.3    |
| R293    | 7030004970 | S.RES ERJ2GEJ 470 X (47)                                            | B  | 93.3/21.3    |
| R294    | 7030007280 | S.RES ERJ2GEJ 331 X (330)                                           | B  | 91.4/33      |
| R295    | 7030005710 | S.RES ERJ2GEJ 121 X (120)                                           | T  | 89.9/22.5    |
| R296    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 92.8/15.7    |
| R297    | 7030007350 | S.RES ERJ2GEJ 393 X (39 k)                                          | T  | 91.5/13.9    |
| R298    | 7030005310 | S.RES ERJ2GEJ 124 X (120 k)                                         | T  | 91.3/15.1    |
| R300    | 7030005310 | S.RES ERJ2GEJ 124 X (120 k)                                         | T  | 90.3/14.2    |
| R301    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 104.3/31.5   |
| R302    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 19.5/12.4    |
| R303    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)                                         | T  | 76.6/41.1    |
| R304    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k)                                         | T  | 75.5/43.6    |
| R305    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 27.6/32.9    |
| R306    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 33/23.1      |
| R307    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 16.8/10.7    |
| R308    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 36.1/28.1    |
| R309    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 25.9/11.3    |
| R310    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 29.7/17.3    |
| R311    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)                                          | T  | 13.6/27.8    |
| R312    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 15.3/31.2    |
| R313    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)                                          | T  | 6.7/32.9     |
| R314    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)                                          | T  | 10/32        |
| R315    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)                                          | T  | 10.9/32      |
| R316    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)                                           | B  | 13.7/12.2    |
| R317    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)                                           | B  | 12.8/12.2    |
| R318    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)                                           | B  | 11.9/12.2    |
| R319    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 10.7/17.6    |
| R320    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 8.6/9.2      |
| R321    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)                                          | T  | 88.6/20.8    |
| R322    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)                                          | B  | 87.6/21.1    |
| R323    | 7030007280 | S.RES ERJ2GEJ 331 X (330)                                           | T  | 87.9/23.7    |
| R325    | 7030007270 | S.RES ERJ2GEJ 151 X (150)                                           | B  | 92.1/21.7    |
| R328    | 7510001730 | S.TMR ERTJOEP 473J                                                  | T  | 56.1/37.6    |
| R329    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)                                          | T  | 56.1/35.9    |
| R330    | 7030005290 | S.RES ERJ2GEJ 682 X (6.8 k)                                         | T  | 55.2/35.9    |
| R331    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)                                          | T  | 47.2/17.1    |
| R332    | 7030005010 | S.RES ERJ2GEJ 681 X (680)                                           | T  | 51.6/27      |
| R333    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 18.4/14.3    |
| R334    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k) [FRG-01]                                 | T  | 23.1/35.8    |
|         | 7030007340 | S.RES ERJ2GEJ 153 X (15 k) Except [FRG-01]                          | T  | 23.1/35.8    |
|         |            |                                                                     | T  | 89.8/20.5    |
| R335    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 41.6/24.2    |
| R336    | 7510001730 | S.TMR ERTJOEP 473J                                                  | T  | 57.3/7.4     |
| R337    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | B  | 34.5/4.9     |
| R338    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                         | T  | 9.7/24.6     |
| R339    | 7030010040 | S.RES ERJ2GEJ-JPW                                                   |    |              |
| R340    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k) [F3062T], [F3062S EUR-01], [FRG-01] only | B  | 40.7/33.5    |
| R341    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) [FRG-01] only                           | T  | 20.6/30.2    |
| C1      | 4030017400 | S.CER ECJ0EC1H220J [F3061T], [F3063T]                               | B  | 54.1/28.2    |
|         | 4030017670 | S.CER ECJ0EC1H390J [F3062T], [F3060S]                               | B  | 54.1/28.2    |
| C2      | 4030017620 | S.CER ECJ0EC1H100C                                                  | T  | 57.9/24      |
| C3      | 4030017430 | S.CER ECJ0EC1H101J                                                  | T  | 57.9/20.8    |
| C4      | 4030016930 | S.CER ECJ0EB1A104K                                                  | B  | 56.6/30.8    |
| C5      | 4030016790 | S.CER ECJ0EB1C103K                                                  | B  | 63.5/19.3    |
| C6      | 4550007080 | S.TAN TEESVA 1C 106M8R                                              | T  | 57.9/13.2    |
| C7      | 4030017460 | S.CER ECJ0EB1E102K                                                  | B  | 64.4/19.3    |
| C8      | 4030016790 | S.CER ECJ0EB1C103K                                                  | B  | 58.4/23.1    |
| C9      | 4030016790 | S.CER ECJ0EB1C103K                                                  | B  | 62.6/17.5    |
| C10     | 4030016930 | S.CER ECJ0EB1A104K                                                  | B  | 52.8/13.7    |
| C11     | 4030017420 | S.CER ECJ0EC1H470J                                                  | B  | 51.1/13.9    |
| C12     | 4030017420 | S.CER ECJ0EC1H470J                                                  | B  | 49.9/16.6    |
| C13     | 4030017420 | S.CER ECJ0EC1H470J                                                  | B  | 51.3/17      |
| C15     | 4030017460 | S.CER ECJ0EB1E102K                                                  | B  | 60.8/13.6    |
| C17     | 4550000550 | S.TAN TEESVA 1V 224M8R                                              | B  | 63.9/25.3    |
| C18     | 4030016790 | S.CER ECJ0EB1C103K                                                  | B  | 65.5/19.3    |
| C21     | 4030017420 | S.CER ECJ0EC1H470J                                                  | T  | 67.8/11.8    |
| C22     | 4030017420 | S.CER ECJ0EC1H470J                                                  | T  | 67/13.6      |
| C23     | 4030017420 | S.CER ECJ0EC1H470J                                                  | B  | 66.4/19.3    |
| C24     | 4030017390 | S.CER ECJ0EC1H180J                                                  | T  | 68.9/9.2     |
| C25     | 4030017510 | S.CER ECJ0EC1H680J                                                  | T  | 70.8/8.3     |
| C26     | 4030017570 | S.CER ECJ0EC1H040B                                                  | T  | 77.3/9       |
| C27     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 78.5/8.5     |
| C28     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 80.8/9.3     |
| C29     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 80.2/13.5    |
| C30     | 4030016790 | S.CER ECJ0EB1C103K                                                  | T  | 78.5/11.4    |
| C31     | 4030017460 | S.CER ECJ0EB1E102K                                                  | T  | 78.5/12.3    |
| C32     | 4030017460 | S.CER ECJ0EB1E102K                                                  | T  | 74.2/16.9    |
| C33     | 4030016790 | S.CER ECJ0EB1C103K                                                  | T  | 74.2/17.8    |
| C34     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 74.2/14.5    |
| C35     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 75.8/13.6    |
| C36     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 77.2/14.1    |
| C37     | 4030017380 | S.CER ECJ0EC1H050B                                                  | T  | 73.7/13.2    |
| C38     | 4030017500 | S.CER ECJ0EC1H560J                                                  | T  | 69.1/18.5    |
| C39     | 4030017400 | S.CER ECJ0EC1H220J                                                  | T  | 67.7/17.2    |
| C40     | 4030016790 | S.CER ECJ0EB1C103K                                                  | T  | 80.3/24.8    |
| C41     | 4030017460 | S.CER ECJ0EB1E102K                                                  | T  | 79.4/24.8    |
| C42     | 4030017510 | S.CER ECJ0EC1H680J                                                  | T  | 76/24.4      |
| C43     | 4030017390 | S.CER ECJ0EC1H180J                                                  | T  | 76.4/22.5    |
| C44     | 4030017660 | S.CER ECJ0EC1H330J                                                  | T  | 76.3/21      |
| C45     | 4030017560 | S.CER ECJ0EC1H2R5B                                                  | T  | 75.4/22.5    |
| C46     | 4030017340 | S.CER ECJ0EC1H010B                                                  | T  | 74.2/22.1    |
| C47     | 4030017400 | S.CER ECJ0EC1H220J                                                  | T  | 74.2/23.1    |
| C48     | 4030017440 | S.CER ECJ0EC1H221J                                                  | T  | 70.4/25.1    |
| C49     | 4030017360 | S.CER ECJ0EC1H030B                                                  | T  | 67.7/26.1    |
| C50     | 4030017360 | S.CER ECJ0EC1H030B                                                  | T  | 65.5/26.1    |
| C51     | 4030017570 | S.CER ECJ0EC1H040B                                                  | T  | 68.4/24      |
| C52     | 4030017380 | S.CER ECJ0EC1H050B                                                  | T  | 68.4/23.1    |
| C53     | 4030017540 | S.CER ECJ0EC1HR75B                                                  | T  | 80.2/14.5    |

[MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                              | M. | H/V LOCATION |
|---------|------------|------------------------------------------|----|--------------|
| C54     | 4030017540 | S.CER ECJ0EC1HR75B                       | T  | 78.4/15.5    |
| C55     | 4030017530 | S.CER ECJ0EC1HOR5B                       | T  | 78/17.9      |
| C56     | 4030017420 | S.CER ECJ0EC1H470J                       | B  | 81.7/20.5    |
| C57     | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 83.7/15.6    |
| C58     | 4550006250 | S.TAN TEESVA 1A 106M8R                   | B  | 74.1/22.8    |
| C59     | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 74.4/16.3    |
| C60     | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 81.8/16.7    |
| C61     | 4030017730 | S.CER ECJ0EB1E471K                       | T  | 81.7/22.2    |
| C62     | 4030017620 | S.CER ECJ0EC1H100C                       | B  | 80.3/23.6    |
| C63     | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 76.6/24.8    |
| C64     | 4030017560 | S.CER ECJ0EC1H2R5B                       | B  | 75.6/26.4    |
| C65     | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 81.3/25.2    |
| C66     | 4030017590 | S.CER ECJ0EC1H070C                       | B  | 80.7/18.7    |
| C67     | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 85.3/21.8    |
| C68     | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 85.2/15.4    |
| C69     | 4030017620 | S.CER ECJ0EC1H100C                       | B  | 86.1/16.6    |
| C117    | 4030017630 | S.CER ECJ0EC1H120J                       | B  | 99.7/32.2    |
| C118    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 101.3/34.6   |
| C119    | 4030017580 | S.CER ECJ0EC1H060C                       | B  | 98/35.3      |
| C120    | 4030017580 | S.CER ECJ0EC1H060C                       | T  | 105.5/25     |
| C121    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 101.4/24.9   |
| C122    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 102.7/20.7   |
| C123    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 102.3/23.7   |
| C124    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 103.5/21     |
| C125    | 4030017340 | S.CER ECJ0EC1H010B                       | T  | 105.5/22.2   |
| C126    | 4030017570 | S.CER ECJ0EC1H040B                       | T  | 103.9/17.5   |
| C127    | 4030017570 | S.CER ECJ0EC1H040B                       | T  | 103.9/16.6   |
| C128    | 4030017350 | S.CER ECJ0EC1H020B                       |    |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01] only | T  | 100.4/18.2   |
| C129    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 99.8/22.7    |
| C130    | 4030017420 | S.CER ECJ0EC1H470J                       | T  | 99.8/21.7    |
| C131    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 97.8/19.8    |
| C132    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 101.3/19.8   |
| C133    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 104.4/17.4   |
| C134    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 97.8/21.4    |
| C135    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 97.9/25      |
| C136    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 96.6/24.4    |
| C137    | 4030017490 | S.CER C1608 JB 1A 105K-T                 | B  | 96.6/20.2    |
| C138    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 98.6/24      |
| C139    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 96.6/25.3    |
| C140    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 97.7/18.6    |
| C141    | 4030017570 | S.CER ECJ0EC1H040B                       | T  | 96.8/18.6    |
| C142    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 96.5/20.7    |
| C143    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 92.8/20.7    |
| C144    | 4030017550 | S.CER ECJ0EC1H1R5B                       | T  | 94.3/18.2    |
| C145    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 93.3/21.9    |
| C146    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 95/24.6      |
| C147    | 4030017580 | S.CER ECJ0EC1H060C                       | T  | 90.9/18      |
| C148    | 4030017640 | S.CER ECJ0EC1H150J                       | T  | 90.9/16.4    |
| C161    | 4030017590 | S.CER ECJ0EC1H070C                       | T  | 87.2/14.9    |
| C162    | 4030017400 | S.CER ECJ0EC1H220J                       | T  | 86.8/13.4    |
| C163    | 4030017400 | S.CER ECJ0EC1H220J                       | T  | 87/20        |
| C164    | 4030017620 | S.CER ECJ0EC1H100C                       | T  | 86.5/18.7    |
| C166    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 85.5/14.7    |
| C167    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 73.4/26.8    |
| C168    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 59.8/15.9    |
| C169    | 4030017380 | S.CER ECJ0EC1H050B                       | B  | 66/25.1      |
| C170    | 4030017350 | S.CER ECJ0EC1H020B                       | B  | 67.5/26.4    |
| C171    | 4030017580 | S.CER ECJ0EC1H060C                       | B  | 69.5/25.8    |
| C172    | 4030017380 | S.CER ECJ0EC1H050B                       | B  | 68.5/26.4    |
| C173    | 4030017580 | S.CER ECJ0EC1H060C                       | B  | 70.5/26.4    |
| C174    | 4030017350 | S.CER ECJ0EC1H020B                       | B  | 71.6/26.4    |
| C177    | 4030017640 | S.CER ECJ0EC1H150J                       | T  | 87.7/25.7    |
| C180    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 87.2/37.8    |
| C181    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 86.3/38.7    |
| C182    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 90.8/37.4    |
| C183    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 81.4/30.6    |
| C184    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 81.8/31.9    |
| C185    | 4550006250 | S.TAN TEESVA 1A 106M8R                   | B  | 77.4/38.4    |
| C186    | 4030017420 | S.CER ECJ0EC1H470J                       | B  | 78.7/36.6    |
| C187    | 4030017680 | S.CER ECJ0EC1H820J                       | B  | 81.6/34.3    |
| C188    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 76.8/29.6    |
| C189    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 71.8/33.2    |
| C191    | 4030016930 | S.CER ECJ0EB1A104K                       | T  | 69/39.4      |
| C192    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 72.3/31.4    |
| C193    | 4030016930 | S.CER ECJ0EB1A104K                       | T  | 72.7/39.3    |
| C194    | 4030016930 | S.CER ECJ0EB1A104K                       | T  | 72.3/33.9    |
| C195    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 60.6/38.1    |
| C196    | 4030017360 | S.CER ECJ0EC1H030B                       | B  | 75.1/29.6    |
| C197    | 4030017590 | S.CER ECJ0EC1H070C                       | B  | 72.5/29.1    |
| C198    | 4030017570 | S.CER ECJ0EC1H040B                       | B  | 71.2/29.9    |
| C199    | 4030017500 | S.CER ECJ0EC1H560J                       | B  | 71.2/29      |
| C200    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 67.2/31.4    |
| C201    | 4030017620 | S.CER ECJ0EC1H100C                       | T  | 58.8/20.8    |
| C202    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 75.9/36.6    |
| C203    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 84.5/35.8    |
| C204    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 81.6/36.2    |
| C205    | 4030016930 | S.CER ECJ0EB1A104K                       | B  | 48.1/15.6    |
| C206    | 4030016790 | S.CER ECJ0EB1C103K                       | T  | 88.7/22.2    |
| C207    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 92.1/20.8    |
| C208    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 88.9/18.4    |
| C209    | 4030017580 | S.CER ECJ0EC1H060C                       | B  | 92.1/22.6    |
| C210    | 4030017400 | S.CER ECJ0EC1H220J                       | B  | 87.7/25.7    |
| C212    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 92.6/33.4    |
| C213    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 89.3/34.5    |
| C214    | 4030017570 | S.CER ECJ0EC1H040B                       | B  | 89.7/32.1    |
| C215    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 89.9/36.1    |
| C216    | 4030017730 | S.CER ECJ0EB1E471K                       | B  | 74.1/36.6    |
| C217    | 4030017730 | S.CER ECJ0EB1E471K                       | B  | 73.2/36.6    |
| C218    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 72.3/38.2    |
| C219    | 4030017430 | S.CER ECJ0EC1H101J                       | B  | 37.1/30.7    |
|         | 4030017710 | S.CER ECJ0EC1H181J Except [FRG-01]       | B  | 37.1/30.7    |
| C220    | 4030017400 | S.CER ECJ0EC1H220J                       | T  | 52.9/28.2    |
| C221    | 4030017400 | S.CER ECJ0EC1H220J                       | T  | 53.2/42.1    |

## [MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                        | M. | H/V LOCATION |
|---------|------------|------------------------------------|----|--------------|
| C222    | 4030016970 | S.CER ECJ0EB1C223K                 | B  | 63.2/32.2    |
| C223    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 66/37.1      |
| C224    | 4030017790 | S.CER ECJ0EB1E682K                 | B  | 66/35.4      |
| C225    | 4030016940 | S.CER ECJ0EB1A393K                 | B  | 66.5/38.4    |
| C226    | 4550006250 | S.TAN TEESVA 1A 106M8R             | B  | 41.2/39.1    |
| C227    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 44.7/36.3    |
| C228    | 4550000460 | S.TAN TEESVA 1C 105M8R             | T  | 58.4/42.1    |
| C229    | 4550000460 | S.TAN TEESVA 1C 105M8R             | B  | 60.4/39.7    |
| C230    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 56.4/41.2    |
| C231    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 57/35.9      |
| C232    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 57.7/33.5    |
| C233    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 58.7/35.6    |
| C234    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 59/37.4      |
| C235    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 44.7/35.3    |
| C236    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 43.3/33      |
| C237    | 4030016970 | S.CER ECJ0EB1C223K                 | T  | 43.9/39.4    |
| C238    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 48/32        |
| C239    | 4030017420 | S.CER ECJ0EB1H470J                 | T  | 43.1/29.2    |
| C240    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 55.2/39.3    |
| C241    | 4030017750 | S.CER ECJ0EB1E122K                 | T  | 57/37.6      |
| C242    | 4030016930 | S.CER ECJ0EB1A104K Except [FRG-01] | T  | 55.2/34.2    |
|         | 4030018860 | S.CER ECJ0EB0J105K [FRG-01]        | T  | 55.2/34.2    |
| C243    | 4030016930 | S.CER ECJ0EB1A104K Except [FRG-01] | T  | 48/36.8      |
|         | 4030018860 | S.CER ECJ0EB0J105K [FRG-01]        | T  | 48/36.8      |
| C244    | 4030017440 | S.CER ECJ0EC1H221J Except [FRG-01] | B  | 44.9/5       |
|         | 4030017730 | S.CER ECJ0EB1E471K [FRG-01]        | B  | 44.9/5       |
| C245    | 4030017900 | S.CER ECJ0EB1C123K [FRG-01]        | B  | 45.5/6.9     |
|         | 4030018080 | S.CER ECJ0EB1H182K Except [FRG-01] | B  | 45.5/6.9     |
| C246    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 47.7/10.1    |
| C247    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 52.4/9.9     |
| C248    | 4030017710 | S.CER ECJ0EC1H181J                 | B  | 46.4/39.2    |
| C249    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 44/39.3      |
| C250    | 4030017740 | S.CER ECJ0EB1E821K Except [FRG-01] | B  | 53.3/6.9     |
|         | 4030017910 | S.CER ECJ0EB1H152K [FRG-01]        | B  | 53.3/6.9     |
| C251    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 41.6/33.5    |
| C252    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 39.6/23.5    |
| C253    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 47.9/20      |
| C254    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 42.9/23      |
| C255    | 4030016790 | S.CER ECJ0EB1C103K                 | B  | 37.2/6.6     |
| C256    | 4030017760 | S.CER ECJ0EB1H222K                 | T  | 39.6/6.2     |
| C257    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 45/8.1       |
| C258    | 4030017730 | S.CER ECJ0EB1E471K                 | B  | 47.6/30.7    |
| C259    | 4550006250 | S.TAN TEESVA 1A 106M8R             | T  | 55.7/23.1    |
| C260    | 4550006250 | S.TAN TEESVA 1A 106M8R             | T  | 56.4/17.9    |
| C261    | 4030018860 | S.CER ECJ0EB0J105K                 | T  | 48.3/23.7    |
| C264    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 36.6/8.8     |
| C265    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 40.3/30.5    |
| C266    | 4030016930 | S.CER ECJ0EB1A104K Except [FRG-01] | T  | 40.7/27.3    |
|         | 4030018860 | S.CER ECJ0EB0J105K [FRG-01]        | T  | 40.7/27.3    |
| C267    | 4030017730 | S.CER ECJ0EB1E471K                 | B  | 46.7/28.9    |
| C268    | 4030016960 | S.CER ECJ0EB1C183K                 | B  | 47.1/25.4    |
| C269    | 4030016960 | S.CER ECJ0EB1C183K                 | B  | 47.1/23.8    |
| C272    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 7.3/14.2     |
| C273    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 7/9.2        |
| C276    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 100.2/6.5    |
| C277    | 4550007080 | S.TAN TEESVA 1C 106M8R             | B  | 104/9.5      |
| C278    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 101.4/6.9    |
| C279    | 4030016790 | S.CER ECJ0EB1C103K                 | B  | 98.2/7.6     |
| C280    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 105.4/10.9   |
| C281    | 4030016790 | S.CER ECJ0EB1C103K                 | T  | 97.9/6.2     |
| C282    | 4550005980 | S.TAN TEESVA 1A 475M8R             | T  | 103.1/12.5   |
| C283    | 4030017460 | S.CER ECJ0EB1E102K                 | T  | 96/11.4      |
| C284    | 4030016790 | S.CER ECJ0EB1C103K                 | B  | 93.8/10.2    |
| C285    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 92.5/9.2     |
| C286    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 90.6/7.3     |
| C287    | 4030016790 | S.CER ECJ0EB1C103K                 | B  | 88.9/10      |
| C288    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 89.7/7.3     |
| C289    | 4030017460 | S.CER ECJ0EB1E102K                 | T  | 90.3/11.6    |
| C290    | 4030016790 | S.CER ECJ0EB1C103K                 | T  | 91.4/7.6     |
| C291    | 4030017460 | S.CER ECJ0EB1E102K                 | T  | 88.8/11.2    |
| C292    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 99.1/6.5     |
| C293    | 4550006480 | S.TAN TEESVA 1C 475M8R             | B  | 61.4/8.8     |
| C294    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 62.5/10.4    |
| C295    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 67.9/21      |
| C296    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 68.8/21      |
| C297    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 62.8/29.4    |
| C298    | 4030017460 | S.CER ECJ0EB1E102K                 | T  | 59.7/30.6    |
| C299    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 33/34.5      |
| C300    | 4030017420 | S.CER ECJ0EC1H470J                 | B  | 33/33.6      |
| C301    | 4030017750 | S.CER ECJ0EB1E122K                 | B  | 25.5/33.4    |
| C302    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 27.3/33.4    |
| C303    | 4030016960 | S.CER ECJ0EB1C183K                 | B  | 23.7/33.4    |
| C304    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 8.3/21.7     |
| C305    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 25.5/35.8    |
| C306    | 4030017430 | S.CER ECJ0EC1H101J                 | B  | 22.1/38      |
| C307    | 4030017910 | S.CER ECJ0EB1H152K                 | B  | 22.1/36.2    |
| C308    | 4030017420 | S.CER ECJ0EC1H470J                 | B  | 22.1/41.7    |
| C309    | 4030017690 | S.CER ECJ0EC1H121J                 | T  | 26/40.7      |
| C310    | 4030017760 | S.CER ECJ0EB1H222K                 | B  | 22.1/40.8    |
| C311    | 4030017460 | S.CER ECJ0EB1E102K                 | B  | 18.9/41.7    |
| C312    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 24.3/35.4    |
| C313    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 39.5/24.7    |
| C314    | 4030017460 | S.CER ECJ0EB1E102K                 | T  | 19/41.4      |
| C315    | 4030018560 | S.CER C2012 JB 1A 475K-T           | B  | 30.5/33.4    |
| C316    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 28.5/22.2    |
| C317    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 30.1/5.2     |
| C318    | 4030016930 | S.CER ECJ0EB1A104K                 | T  | 103.3/35.6   |
| C319    | 4550006780 | S.TAN TEESVB2 0J 476M8R            | T  | 94.6/35.2    |
| C320    | 4030017420 | S.CER ECJ0EC1H470J                 | T  | 24/16.8      |
| C321    | 4030017420 | S.CER ECJ0EC1H470J                 | B  | 87.5/11.4    |
| C322    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 12.9/23.2    |
| C323    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 12.9/21.4    |
| C324    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 9.2/21.4     |
| C325    | 4030016930 | S.CER ECJ0EB1A104K                 | B  | 12.8/26.6    |

## [MAIN UNIT] (for F3060 series)

| REF NO. | PARTS NO.  | DESCRIPTION                                                 | M. | H/V LOCATION |
|---------|------------|-------------------------------------------------------------|----|--------------|
| C326    | 4030017030 | S.CER ECJ0EB1A273K                                          | B  | 14.4/30.9    |
| C328    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 36.4/23.1    |
| C329    | 4030017580 | S.CER ECJ0EC1H060C                                          | T  | 4.8/39       |
| C330    | 4030017630 | S.CER ECJ0EC1H120J                                          | T  | 4.8/25.5     |
| C331    | 4030017640 | S.CER ECJ0EC1H150J                                          | B  | 11.1/32.1    |
| C332    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 20.9/25.2    |
| C333    | 4030017420 | S.CER ECJ0EC1H470J                                          | B  | 25.8/31.8    |
| C336    | 4030017420 | S.CER ECJ0EC1H470J                                          | B  | 36.6/32.7    |
| C339    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 38.2/25.1    |
| C340    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 35.3/27.8    |
| C341    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 23.7/33.8    |
| C342    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 14.5/18.6    |
| C343    | 4030016930 | S.CER ECJ0EB1A104K                                          | T  | 10.6/25.6    |
| C344    | 4030016790 | S.CER ECJ0EB1C103K                                          | T  | 89.1/18.9    |
| C345    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 88.2/18.9    |
| C346    | 4030017630 | S.CER ECJ0EC1H120J                                          | B  | 88.4/17.2    |
| C347    | 4030016790 | S.CER ECJ0EB1C103K                                          | B  | 88.4/15.6    |
| C348    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 89.4/15.6    |
| C349    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 91.2/14.7    |
| C354    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 30.3/27.8    |
| C355    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 21.8/17.2    |
| C358    | 4030017420 | S.CER ECJ0EC1H470J                                          | B  | 33.4/12.3    |
| C359    | 4030017420 | S.CER ECJ0EC1H470J                                          | B  | 33.9/15.4    |
| C360    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 25.5/17.6    |
| C361    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 29.7/16      |
| C363    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 29.8/12.1    |
| C364    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 27.9/12.7    |
| C365    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 59.2/4.5     |
| C366    | 4030018860 | S.CER ECJ0EB0J105K                                          | B  | 36.2/16.7    |
| C367    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 31/39.4      |
| C368    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 42.9/25.7    |
| C369    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 29.2/38.5    |
| C370    | 4030016790 | S.CER ECJ0EB1C103K                                          | T  | 45.9/24.5    |
| C371    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 53.9/24.4    |
| C372    | 4030016930 | S.CER ECJ0EB1A104K                                          | T  | 53.9/23.5    |
| C373    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 29.2/36.7    |
| C376    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 88.7/12.9    |
| C377    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 69.1/34.1    |
| C378    | 4030016790 | S.CER ECJ0EB1C103K                                          | B  | 87.6/23.1    |
| C379    | 4030016790 | S.CER ECJ0EB1C103K                                          | T  | 94.9/31.7    |
| C380    | 4030011600 | S.CER C1608 JB 1E 104K-T                                    | B  | 105.7/10.4   |
| C381    | 4030017490 | S.CER C1608 JB 1A 105K-T                                    | B  | 96.6/7.2     |
| C382    | 4030016790 | S.CER ECJ0EB1C103K                                          | B  | 13.1/33.7    |
| C383    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 92.7/14.1    |
| C384    | 4030017420 | S.CER ECJ0EC1H470J                                          | T  | 92.7/13.2    |
| C385    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 7.2/25.9     |
| C386    | 4550006250 | S.TAN TEESVA 1A 106M8R                                      | B  | 76/14.4      |
| C387    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 77.2/17.4    |
| C393    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 39.7/19.6    |
| C405    | 4030016930 | S.CER ECJ0EB1A104K                                          | T  | 73.9/43.6    |
| C406    | 4030016930 | S.CER ECJ0EB1A104K                                          | T  | 72.4/41.4    |
| C407    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 19.2/24.3    |
| C408    | 4550005980 | S.TAN TEESVA 1A 475M8R                                      | B  | 5.4/33       |
| C409    | 4030016930 | S.CER ECJ0EB1A104K                                          | B  | 13.2/10.7    |
| C412    | 4030017660 | S.CER ECJ0EC1H330J                                          | B  | 1.6/14.6     |
| C413    | 4030017660 | S.CER ECJ0EC1H330J                                          | B  | 1.6/17.1     |
| C414    | 4030016790 | S.CER ECJ0EB1C103K                                          | B  | 7/10.9       |
| C417    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 99.5/31.2    |
| C418    | 4030017460 | S.CER ECJ0EB1E102K                                          | B  | 98.3/30.4    |
| C420    | 4030017780 | S.CER ECJ0EB1E472K                                          | B  | 53.9/5.7     |
| C421    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 14.9/18.8    |
| C422    | 4030016930 | S.CER ECJ0EB1A104K                                          | T  | 40.2/21.4    |
| C424    | 4030016790 | S.CER ECJ0EB1C103K                                          | T  | 58.9/23.6    |
| C425    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 97.1/23.2    |
| C426    | 4030017380 | S.CER ECJ0EC1H050B                                          | B  | 79/18        |
| C427    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 85/20        |
| C428    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 36.1/29.7    |
| C429    | 4030018860 | S.CER ECJ0EB0J105K                                          | B  | 34.5/5.9     |
| C430    | 4030018860 | S.CER ECJ0EB0J105K                                          | T  | 13.7/23.7    |
| C431    | 4030017460 | S.CER ECJ0EB1E102K                                          | T  | 54.7/30.5    |
| C432    | 4030017340 | S.CER ECJ0EC1H010B [F3062T], [F3062S EUR-01], [FRG-01] only | T  | 104/27.1     |
| J1      | 6510025220 | S.CNR AXK540145J                                            | T  | 14.5/36.4    |
| J2      | 6510025220 | S.CNR AXK540145J                                            | T  | 36.5/36.4    |
| J3      | 6510025190 | S.CNR IMSA-9639S-20Y905                                     | T  | 52.3/12.7    |
| J4      | 6510023970 | S.CNR 20P3.5-JMCS-G-B-TF (N)                                | T  | 109/34.7     |
| S3      | 2260002840 | SW SKHLLFA010                                               |    |              |
| S4      | 2260002800 | S.SW SW-167 (SKQTLAE010)                                    | T  | 53.5/44.2    |
| S5      | 2260002800 | S.SW SW-167 (SKQTLAE010)                                    | T  | 63.4/44.2    |
| S6      | 2260002800 | S.SW SW-167 (SKQTLAE010)                                    | T  | 106.4/44.2   |
| EP1     | 6910015370 | S.BEA ACZ1005Y-102-T                                        | B  | 56.6/29.9    |
| EP3     | 6910015370 | S.BEA ACZ1005Y-102-T                                        | B  | 45.9/36.8    |
| EP4     | 6910015600 | S.BEA ACZ1005Y-241 (240)                                    | B  | 56.4/39.6    |
| EP5     | 6910015370 | S.BEA ACZ1005Y-102-T                                        | B  | 62.6/21.7    |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount



## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION                | M. | H/V LOCATION |
|---------|------------|----------------------------|----|--------------|
| IC1     | 1130010100 | S.IC LMX2352TMX/NOPB       | B  | 58.2/18.3    |
| IC3     | 1110003491 | S.IC TA31136FNG (D,EL)     | B  | 76.6/32.9    |
| IC4     | 1190001350 | S.IC M62364FP 600D         | B  | 42.1/18.1    |
| IC5     | 1110006221 | S.IC AK2346P-E2/P          | B  | 51.3/36.4    |
| IC6     | 1110005350 | S.IC NJM2870F05-TE1-#FZZB  | B  | 96.8/10.2    |
| IC8     | 1110005771 | S.IC S-80942CNMC-G9CT2G    | B  | 13.8/30      |
| IC9     | 1110005340 | S.IC NJM12902V-TE1-#ZZZB   | B  | 42.4/29.6    |
| IC10    | 1130012960 | S.IC BU8872FS-E2           | B  | 5.4/15.5     |
| IC13    | 1140013200 | S.IC CD4053BPWR            | B  | 41.7/8.2     |
| IC14    | 1140013200 | S.IC CD4053BPWR            | B  | 49.1/8.2     |
| IC15    | 1110005310 | S.IC AN6123MS              | T  | 49.9/23.7    |
| IC17    | 1110005340 | S.IC NJM12902V-TE1-#ZZZB   | B  | 25.6/38.1    |
| IC18    | 1140014540 | S.IC HD64F2552RBR26DV      | B  | 23/23.1      |
| IC19    | 1140012950 | S.IC 24LC512T-I/SM         | B  | 25/6.7       |
| IC19    | 1140014160 | S.IC 24LC1025T-I/SM        | B  | 25/6.7       |
| IC20    | 1190001340 | S.IC M62334FP 600C         | T  | 99.1/34.7    |
| IC21    | 1110003800 | S.IC NJM2904V-TE1-#FMZB    | B  | 57.8/30.1    |
| IC25    | 1110006230 | S.IC NJM2711F-TE1-#ZZZB    | B  | 69.2/41.4    |
| IC26    | 1130009981 | S.IC TCTW53FK (TE85L,F)    | B  | 52.8/24.6    |
|         |            |                            |    |              |
| Q1      | 1530002920 | S.TR 2SC4226-T1 R25        | T  | 80.6/11.6    |
| Q2      | 1530002920 | S.TR 2SC4226-T1 R25        | T  | 76.4/16.4    |
| Q3      | 1530002920 | S.TR 2SC4226-T1 R25        | T  | 78.4/22.7    |
| Q4      | 1530003311 | S.TR 2SC5107-O (TE85R,F)   | T  | 80/17.1      |
| Q5      | 1530003311 | S.TR 2SC5107-O (TE85R,F)   | B  | 78.3/25.6    |
| Q6      | 1530002920 | S.TR 2SC4226-T1 R25        | B  | 84.4/19.8    |
| Q10     | 1580000731 | S.FET 3SK293 (TE85L,F)     | T  | 100.4/20     |
| Q11     | 1560000841 | S.FET 2SK1829 (TE85R,F)    | B  | 99.6/19.2    |
| Q12     | 1520000460 | S.TR 2SB1132 T100 R        | T  | 98.9/9.7     |
| Q13     | 1590001190 | S.TR XP6501-(TX) .AB       | T  | 104.7/8.7    |
| Q14     | 1510000920 | S.TR 2SA1577 T106 Q        | B  | 93.4/7.2     |
| Q15     | 1510000920 | S.TR 2SA1577 T106 Q        | B  | 90.7/9.5     |
| Q16     | 1510000920 | S.TR 2SA1577 T106 Q        | T  | 89.7/10.8    |
| Q17     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)  | B  | 75.3/18.3    |
| Q18     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)  | B  | 69/30.5      |
| Q21     | 1590001400 | S.TR XP1214 (TX)           | B  | 78.9/15.3    |
| Q22     | 1590001400 | S.TR XP1214 (TX)           | B  | 78.9/20.4    |
| Q23     | 1590003290 | S.TR UNR9213J-(TX)         | B  | 82.2/16      |
| Q24     | 1590003290 | S.TR UNR9213J-(TX)         | B  | 66.9/26.4    |
| Q25     | 1530002601 | S.TR 2SC4215-O (TE85R,F)   | B  | 86.9/34.8    |
| Q26     | 1590003230 | S.TR UNR9113J-(TX)         | B  | 67.4/33.9    |
| Q27     | 1590003230 | S.TR UNR9113J-(TX)         | B  | 95/32.4      |
| Q28     | 1590001650 | S.TR XP4601 (TX)           | B  | 64.1/35.9    |
| Q30     | 1590003321 | S.FET TPC6103 (TE85L,F)    | T  | 101.2/9.1    |
| Q31     | 1590003290 | S.TR UNR9213J-(TX)         | T  | 93.2/7.5     |
| Q32     | 1560001360 | S.FET 2SK3019 TL           | B  | 62.8/13      |
| Q33     | 1560000541 | S.FET 2SK880-Y (T5RICOM,F) | B  | 62.4/26      |
| Q34     | 1590003290 | S.TR UNR9213J-(TX)         | B  | 34.1/35.8    |
| Q35     | 1590003290 | S.TR UNR9213J-(TX)         | T  | 11.7/27.1    |
| Q37     | 1580000800 | S.FET 3SK324UG-TL-E        | T  | 89.2/16      |
| Q41     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)  | T  | 86.9/22.5    |
| Q42     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)  | B  | 89.8/21.9    |
| Q44     | 1590003230 | S.TR UNR9113J-(TX)         | B  | 9.2/11.2     |
| Q45     | 1560001360 | S.FET 2SK3019 TL           | B  | 51.3/22.3    |
| Q46     | 1590003290 | S.TR UNR9213J-(TX)         | T  | 95.3/7.5     |
| Q47     | 1590003290 | S.TR UNR9213J-(TX)         | B  | 59.1/6.4     |
| Q48     | 1590003321 | S.FET TPC6103 (TE85L,F)    | T  | 48.1/3.5     |
| Q49     | 1530002851 | S.TR 2SC4116-BL (TE85R,F)  | B  | 73.3/40.3    |
| Q50     | 1590003290 | S.TR UNR9213J-(TX)         | T  | 90.2/7.7     |
| Q52     | 1560001360 | S.FET 2SK3019 TL           | B  | 76/38.4      |
|         |            |                            |    |              |
| D1      | 1750000771 | S.VCP HVC376BTRF-E         | T  | 71.2/11.6    |
| D2      | 1750000771 | S.VCP HVC376BTRF-E         | T  | 70.3/10      |
| D3      | 1720000641 | S.VCP 1SV284 (TPH3,F)      | T  | 67.6/10      |
| D4      | 1720000641 | S.VCP 1SV284 (TPH3,F)      | T  | 66.4/10      |
| D5      | 1720000641 | S.VCP 1SV284 (TPH3,F)      | T  | 65.5/15.3    |
| D6      | 1720000641 | S.VCP 1SV284 (TPH3,F)      | T  | 66.7/15.3    |
| D7      | 1750000771 | S.VCP HVC376BTRF-E         | T  | 69.3/14.4    |
| D8      | 1750000771 | S.VCP HVC376BTRF-E         | T  | 69.3/16.9    |
| D9      | 1720000471 | S.VCP 1SV239 (TPH3,F)      | T  | 69.2/21.5    |
| D10     | 1750000721 | S.VCP HVC375BTRF-E         | T  | 72.6/22.3    |
| D11     | 1750000771 | S.VCP HVC376BTRF-E         | T  | 68.1/25.1    |
| D12     | 1750000771 | S.VCP HVC376BTRF-E         | T  | 65.9/26.1    |
| D13     | 1790001250 | S.DIO MA25111-(TX)         | B  | 75.3/20.2    |
| D14     | 1790001621 | S.DIO 1SV308 (TPL3,F)      | B  | 88.1/14.4    |
| D15     | 1790001260 | S.DIO MA25077-(TX)         | T  | 86.1/17      |
| D21     | 1790001240 | S.DIO MA25728-(TX)         | B  | 99.7/34.8    |
| D22     | 1790001260 | S.DIO MA25077-(TX)         | B  | 99.7/33.6    |
| D23     | 1750000721 | S.VCP HVC375BTRF-E         | T  | 104.7/23.7   |
| D24     | 1750000721 | S.VCP HVC375BTRF-E         | T  | 104.7/20.7   |
| D25     | 1790001250 | S.DIO MA25111-(TX)         | B  | 103.3/18.7   |
| D26     | 1750000370 | S.DIO DA221 TL             | B  | 99.4/24.1    |
| D27     | 1750000370 | S.DIO DA221 TL             | B  | 100.2/21.8   |
| D28     | 1750000711 | S.VCP HVC350BTRF-E         | T  | 95.6/19.1    |
| D29     | 1750000711 | S.VCP HVC350BTRF-E         | T  | 94.1/19.9    |
| D30     | 1790001260 | S.DIO MA25077-(TX)         | B  | 69.7/24.3    |
| D31     | 1790001260 | S.DIO MA25077-(TX)         | B  | 70.9/24.3    |
| D32     | 1750001070 | S.DIO DAN235ETL            | T  | 70.6/39.5    |
| D33     | 1750001070 | S.DIO DAN235ETL            | T  | 70.6/34.5    |
| D34     | 1750001070 | S.DIO DAN235ETL            | B  | 90.3/19.6    |
| D35     | 1750001070 | S.DIO DAN235ETL            | B  | 91.1/34.4    |
| D36     | 1160000060 | S.DIO DAN202U T106         | T  | 94/10.3      |
| D37     | 1730002320 | S.ZEN MA8051-M (TX)        | T  | 8.7/27.1     |
| D38     | 1790001260 | S.DIO MA25077-(TX)         | B  | 13.5/32.9    |
| D40     | 1160000050 | S.DIO DAP202U T106         | B  | 19/35.5      |
| D41     | 1790001250 | S.DIO MA25111-(TX)         | B  | 46.1/25.3    |
| D42     | 1160000140 | S.DIO DAP222 TL            | T  | 20.9/12.9    |
| D43     | 1790001250 | S.DIO MA25111-(TX)         | T  | 26.2/22.4    |
|         |            |                            |    |              |
| FI1     | 2030000500 | S.MLH FL-401 (46.35 MHz)   | T  | 91.4/27.4    |
| FI2     | 2020002240 | S.CER CFWKA450KGA-R0       | T  | 65/34.6      |

## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.   | DESCRIPTION |                       | M. | H/V LOCATION |
|---------|-------------|-------------|-----------------------|----|--------------|
| FI3     | 2020002180  | S.CER       | CFWKA450KHFA-R0       | T  | 76.7/34.6    |
| FI4     | 20300000670 | S.MLH       | FL-420 (46.350 MHz)   | B  | 91.4/27.4    |
|         |             |             |                       |    |              |
| X1      | 6050012380  | S.XTL       | CR-826 (15.3 MHz)     | B  | 58/25.5      |
| X2      | 6050011720  | S.XTL       | CR-764 (19.6608 MHz)  | T  | 2.9/32.3     |
| X3      | 6050011730  | S.XTL       | CR-765 (3.6864 MHz)   | T  | 50.9/35.6    |
| X4      | 6050012320  | S.XTL       | CR-818 (4.194304 MHz) | T  | 2.9/15.2     |
| X5      | 6070000191  | S.DCR       | CDBKB450KCAY24-R0     | T  | 84.5/38.2    |
|         |             |             |                       |    |              |
| L1      | 6200004660  | S.COL       | MLF1608A 1R8K-T       | B  | 53.5/20.8    |
| L2      | 6200007170  | S.COL       | MLF1608A 3R3K-T       | T  | 69.1/11      |
| L3      | 6200007170  | S.COL       | MLF1608A 3R3K-T       | T  | 68.1/15.3    |
| L4      | 6200007170  | S.COL       | MLF1608A 3R3K-T       | T  | 66.8/23.3    |
| L5      | 6200003640  | S.COL       | MLF1608E 100K-T       | T  | 68.6/8       |
| L6      | 6200007170  | S.COL       | MLF1608A 3R3K-T       | T  | 65.2/10      |
| L7      | 6200002390  | S.COL       | LQW31HN64NJ03L        | T  | 74.3/9.6     |
| L8      | 6200012710  | S.COL       | 0.40-2.00-10TL 90N    | T  | 71.6/16.2    |
| L9      | 6200003640  | S.COL       | MLF1608E 100K-T       | T  | 67/18.4      |
| L10     | 6200007170  | S.COL       | MLF1608A 3R3K-T       | T  | 64.2/15.3    |
| L11     | 6200012510  | S.COL       | 0.25-1.9-8TL 72.0N    | T  | 73.3/25.3    |
| L12     | 6200003640  | S.COL       | MLF1608E 100K-T       | T  | 70.1/26.3    |
| L13     | 6200008090  | S.COL       | LQW2BHN68NJ03L        | T  | 64.7/22.9    |
| L14     | 6200007170  | S.COL       | MLF1608A 3R3K-T       | T  | 70.5/23.1    |
| L15     | 6200006981  | S.COL       | ELJRE R10GFA          | T  | 80.9/19      |
| L16     | 6200007911  | S.COL       | ELJRF 18NJFB          | B  | 76.5/26.4    |
| L17     | 6200009101  | S.COL       | ELJRE R18GFA          | B  | 85.2/17.9    |
| L29     | 6200005741  | S.COL       | ELJRE 47NGFA          | B  | 101.3/31.9   |
| L30     | 6200007750  | S.COL       | LQW2BHN56NJ03L        | B  | 100.3/36.4   |
| L31     | 6200008090  | S.COL       | LQW2BHN68NJ03L        | T  | 103.5/25.3   |
| L32     | 6200008090  | S.COL       | LQW2BHN68NJ03L        | T  | 104.2/19     |
| L33     | 6200007750  | S.COL       | LQW2BHN56NJ03L        | T  | 98/21.1      |
| L34     | 6200007750  | S.COL       | LQW2BHN56NJ03L        | T  | 92.5/17.8    |
| L38     | 6200006671  | S.COL       | ELJRE 68NGFA          | T  | 89.8/13.1    |
| L39     | 6200005731  | S.COL       | ELJRE 39NGFA          | T  | 87.3/16.9    |
| L40     | 6200007911  | S.COL       | ELJRF 18NJFB          | B  | 68.6/24      |
| L45     | 6200004480  | S.COL       | MLF1608D R82K-T       | B  | 72.3/28.8    |
| L46     | 6200003540  | S.COL       | MLF1608D R22K-T       | B  | 71/30.5      |
| L48     | 6200004660  | S.COL       | MLF1608A 1R8K-T       | B  | 86.3/37.7    |
| L49     | 6200007850  | S.COL       | ELJNC R82K-F          | B  | 92.2/17.3    |
| L50     | 6200011031  | S.COL       | ELJRF R10JFB          | B  | 53.5/41.3    |
| L51     | 6200002861  | S.COL       | NLV25T-4R7J           | B  | 35.3/30.2    |
|         |             |             |                       |    |              |
| R1      | 7030005100  | S.RES       | ERJ2GEJ 154 X (150 k) | B  | 52.3/29.4    |
| R1      | 7030005700  | S.RES       | ERJ2GEJ 274 X (270 k) | B  | 52.3/29.4    |
| R2      | 7030005050  | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 54.2/28.1    |
| R3      | 7030005110  | S.RES       | ERJ2GEJ 224 X (220 k) | B  | 51.1/29.6    |
| R4      | 7030005000  | S.RES       | ERJ2GEJ 471 X (470)   | T  | 57.9/22.3    |
| R5      | 7030006610  | S.RES       | ERJ2GEJ 394 X (390 k) | B  | 52.3/31      |
| R6      | 7410001130  | S.ARY       | EXB28V102JX           | B  | 53.1/15.9    |
| R7      | 7030010040  | S.RES       | ERJ2GEJ-JPW           | B  | 63/20.5      |
| R9      | 7030008400  | S.RES       | ERJ2GEJ 182 X (1.8 k) | B  | 63/23        |
| R11     | 7030007340  | S.RES       | ERJ2GEJ 153 X (15 k)  | B  | 63/23.9      |
| R12     | 7030005030  | S.RES       | ERJ2GEJ 152 X (1.5 k) | B  | 65.8/20.5    |
| R13     | 7030010040  | S.RES       | ERJ2GEJ-JPW           | T  | 79.8/9.3     |
| R14     | 7030011000  | S.RES       | RR0510P-392-D (3.9 k) | T  | 78.5/9.5     |
| R15     | 7030008340  | S.RES       | RR0510P-182-D (1.8 k) | T  | 78.5/10.5    |
| R16     | 7030011000  | S.RES       | RR0510P-392-D (3.9 k) | T  | 74.6/13.2    |
| R17     | 7030008340  | S.RES       | RR0510P-182-D (1.8 k) | T  | 74.6/15.7    |
| R18     | 7030010040  | S.RES       | ERJ2GEJ-JPW           | T  | 75.8/14.5    |
| R19     | 7030011000  | S.RES       | RR0510P-392-D (3.9 k) | T  | 76.5/25.6    |
| R20     | 7030008340  | S.RES       | RR0510P-182-D (1.8 k) | T  | 78.5/24.8    |
| R21     | 7030010040  | S.RES       | ERJ2GEJ-JPW           | T  | 77.5/24.8    |
| R22     | 7030005000  | S.RES       | ERJ2GEJ 471 X (470)   | T  | 81.4/13.9    |
| R23     | 7030005000  | S.RES       | ERJ2GEJ 471 X (470)   | T  | 78.1/14.1    |
| R24     | 7030008370  | S.RES       | ERJ2GEJ 561 X (560)   | T  | 78/21        |
| R25     | 7030005050  | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 77.2/19      |
| R26     | 7030005240  | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 80.8/20.5    |
| R27     | 7030005240  | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 83.2/13.6    |
| R28     | 7030007290  | S.RES       | ERJ2GEJ 222 X (2.2 k) | B  | 75.3/21.3    |
| R29     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 79/19.1      |
| R30     | 7030004980  | S.RES       | ERJ2GEJ 101 X (100)   | T  | 81.7/20.6    |
| R31     | 7030005240  | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 80.1/25.3    |
| R32     | 7030004980  | S.RES       | ERJ2GEJ 101 X (100)   | B  | 81/25.3      |
| R33     | 7030009320  | S.RES       | ERJ2GEJ 4R7 X (4.7)   | B  | 82.1/19.2    |
| R34     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 83.5/17.7    |
| R35     | 7030004980  | S.RES       | ERJ2GEJ 101 X (100)   | B  | 84.8/16.8    |
| R36     | 7030010040  | S.RES       | ERJ2GEJ-JPW           | B  | 83.5/21.8    |
| R37     | 7030005040  | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 86.1/14.3    |
| R38     | 7030005050  | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 90.4/12.7    |
| R60     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 103.9/22.6   |
| R61     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 103.9/21.7   |
| R62     | 7030005050  | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 102.7/22.5   |
| R63     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 102.7/17.4   |
| R64     | 7030005310  | S.RES       | ERJ2GEJ 124 X (120 k) | T  | 103.9/15.7   |
| R65     | 7030008280  | S.RES       | ERJ2GEJ 271 X (270)   | T  | 99.8/23.6    |
| R66     | 7030005530  | S.RES       | ERJ2GEJ 100 X (10)    | T  | 101.1/22.1   |
| R67     | 7030006610  | S.RES       | ERJ2GEJ 394 X (390 k) | B  | 102.2/19.8   |
| R68     | 7030005040  | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 97.4/18.5    |
| R69     | 7030005170  | S.RES       | ERJ2GEJ 474 X (470 k) | B  | 101.5/17.9   |
| R70     | 7030005110  | S.RES       | ERJ2GEJ 224 X (220 k) | B  | 103.2/17     |
| R71     | 7030005720  | S.RES       | ERJ2GEJ 563 X (56 k)  | B  | 98.7/21.4    |
| R72     | 7030009320  | S.RES       | ERJ2GEJ 4R7 X (4.7)   | B  | 96.6/23.5    |
| R73     | 7030004970  | S.RES       | ERJ2GEJ 470 X (47)    | B  | 96.6/22.6    |
| R74     | 7030005000  | S.RES       | ERJ2GEJ 471 X (470)   | T  | 98.6/18.6    |
| R75     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 95.4/21.1    |
| R76     | 7030005090  | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 94.2/21.9    |
| R77     | 7030005050  | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 95.7/23.1    |
| R86     | 7030005050  | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 85/17.4      |
| R87     | 7030004980  | S.RES       | ERJ2GEJ 101 X (100)   | T  | 85/15.1      |
| R88     | 7030005580  | S.RES       | ERJ2GEJ 560 X (56)    | T  | 59.8/17.5    |
| R89     | 7030005040  | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 69.5/26.4    |



## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION                 | M. | H/V LOCATION |
|---------|------------|-----------------------------|----|--------------|
| R90     | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 70.4/26.4    |
| R91     | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 66/27.9      |
| R95     | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 87.2/36.6    |
| R95     | 7030005110 | S.RES ERJ2GEJ 224 X (220 k) | B  | 87.2/36.6    |
| R99     | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | B  | 88.4/37.5    |
| R100    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 83/33.1      |
| R101    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k) | B  | 81.4/35.2    |
| R101    | 7030008400 | S.RES ERJ2GEJ 182 X (1.8 k) | B  | 81.4/35.2    |
| R102    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5 k) | B  | 75.4/29.6    |
| R103    | 7030004970 | S.RES ERJ2GEJ 470 X (47)    | B  | 81.4/36.1    |
| R104    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)  | B  | 70.5/35.6    |
| R105    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | T  | 69.1/34.4    |
| R106    | 7030010040 | S.RES ERJ2GEJ-JPW           | T  | 70.3/36.8    |
| R107    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2 k) | T  | 71.4/37.9    |
| R108    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2 k) | T  | 72.3/35.2    |
| R109    | 7030007060 | S.RES ERJ2GEJ 684X (680 k)  | B  | 67.1/30.5    |
| R110    | 7030007570 | S.RES ERJ2GEJ 122 X (1.2 k) | B  | 69.1/33.6    |
| R111    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)  | T  | 69.1/41      |
| R112    | 7030005000 | S.RES ERJ2GEJ 471 X (470)   | B  | 79.3/36.6    |
| R113    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B  | 48.3/17.3    |
| R115    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)  | B  | 92.1/19      |
| R116    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | T  | 91/20.3      |
| R117    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | B  | 88/22.4      |
| R118    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | B  | 93.6/33.5    |
| R119    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | T  | 91.9/33      |
| R120    | 7030005600 | S.RES ERJ2GEJ 273 X (27 k)  | B  | 90.8/36      |
| R121    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 72.3/35      |
| R122    | 7030005000 | S.RES ERJ2GEJ 471 X (470)   | B  | 74.1/38.2    |
| R122    | 7030005710 | S.RES ERJ2GEJ 121 X (120)   | B  | 74.1/38.2    |
| R123    | 7030005070 | S.RES ERJ2GEJ 683 X (68 k)  | B  | 73.2/36.6    |
| R123    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 73.2/36.6    |
| R124    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5 k) | B  | 73.2/38.2    |
| R124    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 73.2/38.2    |
| R126    | 7030005230 | S.RES ERJ2GEJ 334 X (330 k) | B  | 37.1/29.5    |
| R127    | 7030005310 | S.RES ERJ2GEJ 124 X (120 k) | B  | 38/31.1      |
| R128    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)   | B  | 46.4/34.5    |
| R130    | 7030007570 | S.RES ERJ2GEJ 122 X (1.2 k) | B  | 62.2/36.3    |
| R131    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 64.6/37.6    |
| R132    | 7030005070 | S.RES ERJ2GEJ 683 X (68 k)  | B  | 63/37.4      |
| R133    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | B  | 64.4/33.9    |
| R134    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | B  | 65.3/33.9    |
| R135    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B  | 63.5/33.9    |
| R136    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 61.3/34.1    |
| R137    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)  | B  | 66.1/36.6    |
| R138    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)  | B  | 67.1/38.2    |
| R139    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)  | B  | 67.1/36.6    |
| R140    | 7030011660 | S.RES ERJ2RKF 1002 (10 k)   | B  | 57.3/39.6    |
| R141    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)  | B  | 57.3/41.2    |
| R142    | 7030011660 | S.RES ERJ2RKF 1002 (10 k)   | B  | 56.4/38      |
| R143    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)  | T  | 54.4/38.3    |
| R144    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B  | 45.9/38      |
| R145    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | T  | 47.5/31.1    |
| R146    | 7030010040 | S.RES ERJ2GEJ-JPW           | T  | 44.3/29.6    |
| R147    | 7030005170 | S.RES ERJ2GEJ 474 X (470 k) | T  | 55.6/40.2    |
| R148    | 7030008410 | S.RES ERJ2GEJ 392 X (3.9 k) | T  | 55.6/39.3    |
| R149    | 7030010040 | S.RES ERJ2GEJ-JPW           | T  | 56.2/37.9    |
| R150    | 7030005530 | S.RES ERJ2GEJ 100 X (10)    | B  | 34.1/7.5     |
| R151    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | T  | 45.6/19.3    |
| R152    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 46.4/36.8    |
| R153    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | T  | 46.7/35.2    |
| R154    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | T  | 45.1/36.2    |
| R155    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | B  | 45.3/5.6     |
| R156    | 7030005210 | S.RES ERJ2GEJ 822 X (8.2 k) | B  | 52.4/6.2     |
| R156    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | B  | 52.4/6.2     |
| R157    | 7030005720 | S.RES ERJ2GEJ 563 X (56 k)  | B  | 54.3/9.7     |
| R158    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)  | B  | 45.2/39.8    |
| R159    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 45.2/38.9    |
| R161    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 38/29.5      |
| R162    | 7030005240 | S.RES ERJ2GEJ 473 X (47 k)  | B  | 53.4/9.1     |
| R163    | 7030005240 | S.RES ERJ2GEJ 473 X (47 k)  | T  | 39.3/19.3    |
| R164    | 7030005700 | S.RES ERJ2GEJ 274 X (270 k) | T  | 38.4/19.3    |
| R165    | 7030008410 | S.RES ERJ2GEJ 392 X (3.9 k) | B  | 41.6/23.9    |
| R165    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 41.6/23.9    |
| R167    | 7030005220 | S.RES ERJ2GEJ 223 X (22 k)  | B  | 36.1/5.8     |
| R168    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k) | B  | 49.1/29.9    |
| R169    | 7030011650 | S.RES ERJ2GEJ 243X (24 k)   | B  | 46.9/31.4    |
| R170    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | T  | 52.8/25.9    |
| R171    | 7030005160 | S.RES ERJ2GEJ 105 X (1 M)   | T  | 55.2/20.5    |
| R174    | 7030005290 | S.RES ERJ2GEJ 682 X (6.8 k) | T  | 49.6/25.9    |
| R175    | 7030007280 | S.RES ERJ2GEJ 331 X (330)   | T  | 51.2/25.9    |
| R176    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)  | B  | 37.7/9.1     |
| R177    | 7030005240 | S.RES ERJ2GEJ 473 X (47 k)  | B  | 53.4/10.7    |
| R178    | 7030005070 | S.RES ERJ2GEJ 683 X (68 k)  | T  | 37.7/30.6    |
| R179    | 7030005070 | S.RES ERJ2GEJ 683 X (68 k)  | T  | 40.6/29.5    |
| R180    | 7030005700 | S.RES ERJ2GEJ 274 X (270 k) | T  | 39.3/31.5    |
| R181    | 7030005310 | S.RES ERJ2GEJ 124 X (120 k) | T  | 39.3/29.7    |
| R181    | 7030011680 | S.RES ERJ2RKF 2703 (270 k)  | T  | 39.3/29.7    |
| R182    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 41.7/25.4    |
| R183    | 7030007060 | S.RES ERJ2GEJ 684X (680 k)  | B  | 46.9/27.4    |
| R184    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7 k) | B  | 47.8/28.6    |
| R185    | 7030005230 | S.RES ERJ2GEJ 334 X (330 k) | B  | 47.8/29.8    |
| R186    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | B  | 47.8/26.2    |
| R189    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 91.5/7.3     |
| R190    | 7030005700 | S.RES ERJ2GEJ 274 X (270 k) | B  | 99.8/11.2    |
| R191    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 99/9.1       |
| R192    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | T  | 102.2/9.2    |
| R193    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | T  | 99.5/6.2     |
| R194    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k) | T  | 96.8/7.3     |
| R195    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B  | 95.3/6.9     |
| R196    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 93.8/9.3     |
| R197    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B  | 90.7/11.4    |
| R198    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 88.7/10.8    |
| R199    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | T  | 91.6/10.5    |
| R200    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | T  | 91.4/9.5     |

## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION |                       | M. | H/V LOCATION |
|---------|------------|-------------|-----------------------|----|--------------|
| R201    | 7030005110 | S.RES       | ERJ2GEJ 224 X (220 k) | B  | 62.5/11.4    |
| R202    | 7030005110 | S.RES       | ERJ2GEJ 224 X (220 k) | B  | 70.2/21.5    |
| R203    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | B  | 64.4/28.8    |
| R204    | 7030008370 | S.RES       | ERJ2GEJ 561 X (560)   | T  | 59.6/29.5    |
| R205    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 59.3/30.7    |
| R206    | 7030005040 | S.RES       | ERJ2GEJ 472 X (4.7 k) | B  | 28.3/33.8    |
| R207    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 32.1/36.1    |
| R208    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 25.9/32.5    |
| R209    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 25/33.4      |
| R210    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 24.1/33.4    |
| R211    | 7030005700 | S.RES       | ERJ2GEJ 274 X (270 k) | T  | 10.7/20.6    |
| R212    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 22.1/36.4    |
| R213    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 21.5/38      |
| R214    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 22.4/41.3    |
| R215    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 20.5/39.2    |
| R216    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | B  | 20.6/37.3    |
| R217    | 7030005080 | S.RES       | ERJ2GEJ 823 X (82 k)  | B  | 41.7/26.3    |
| R219    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | T  | 17.8/29.4    |
| R220    | 7030005720 | S.RES       | ERJ2GEJ 563 X (56 k)  | B  | 40.1/26.3    |
| R221    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 30.5/27      |
| R222    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 24.6/13      |
| R223    | 7410001130 | S.ARY       | EXB28V102JX           | T  | 16.2/22.9    |
| R225    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 28.7/17.6    |
| R226    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 21/13.6      |
| R227    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 32.4/25.1    |
| R228    | 7030005000 | S.RES       | ERJ2GEJ 471 X (470)   | T  | 103.3/33.9   |
| R229    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 31/8.6       |
| R230    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 31/6.8       |
| R231    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 102.4/35.6   |
| R235    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 19/15.6      |
| R238    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | B  | 12.7/21.7    |
| R239    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 13.3/27.1    |
| R240    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 26.8/10.2    |
| R242    | 7410001130 | S.ARY       | EXB28V102JX           | T  | 21.5/19.1    |
| R243    | 7030005530 | S.RES       | ERJ2GEJ 100 X (10)    | T  | 7.7/28.7     |
| R244    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | T  | 6.5/29.1     |
| R245    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 15.8/32.2    |
| R246    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 10.8/31.4    |
| R247    | 7030008010 | S.RES       | ERJ2GEJ 123 X (12 k)  | B  | 10.8/29.6    |
| R248    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | T  | 24.8/25.1    |
| R249    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 24.8/26      |
| R251    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 27.5/32.2    |
| R252    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 31.7/29.8    |
| R253    | 7410001140 | S.ARY       | EXB28V104JX           | T  | 27.9/28.4    |
| R255    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 28.5/29      |
| R257    | 7410001130 | S.ARY       | EXB28V102JX           | T  | 25.5/31.8    |
| R258    | 7410001140 | S.ARY       | EXB28V104JX           | T  | 32.5/29.8    |
| R259    | 7410001130 | S.ARY       | EXB28V102JX           | B  | 19.8/32.2    |
| R260    | 7030010040 | S.RES       | ERJ2GEJ-JPW           | B  | 29.8/36.4    |
| R261    | 7030005220 | S.RES       | ERJ2GEJ 223 X (22 k)  | T  | 23.8/34.7    |
| R262    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 22.6/29.9    |
| R263    | 7030008300 | S.RES       | ERJ2GEJ 184 X (180 k) | T  | 24.2/29.9    |
| R264    | 7030005720 | S.RES       | ERJ2GEJ 563 X (56 k)  | T  | 24.7/28.7    |
| R265    | 7030005220 | S.RES       | ERJ2GEJ 223 X (22 k)  | T  | 23.8/28.7    |
| R266    | 7030005120 | S.RES       | ERJ2GEJ 102 X (1 k)   | T  | 22.2/34.7    |
| R267    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 12.9/13.9    |
| R268    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 12.7/20.6    |
| R272    | 7030004970 | S.RES       | ERJ2GEJ 470 X (47)    | T  | 90/18.9      |
| R273    | 7030005070 | S.RES       | ERJ2GEJ 683 X (68 k)  | T  | 88.7/14.2    |
| R274    | 7030008400 | S.RES       | ERJ2GEJ 182 X (1.8 k) | B  | 89.4/17.4    |
| R275    | 7030004980 | S.RES       | ERJ2GEJ 101 X (100)   | B  | 90.3/15.6    |
| R276    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 8.1/23.8     |
| R277    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 10.3/23.4    |
| R279    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 30.3/30      |
| R280    | 7510001730 | S.TMR       | ERTJOEP 473J          | B  | 57.5/8.5     |
| R281    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 56.8/7.6     |
| R282    | 7030005310 | S.RES       | ERJ2GEJ 124 X (120 k) | T  | 71.4/21.6    |
| R283    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 35.9/16.1    |
| R283    | 7030008300 | S.RES       | ERJ2GEJ 184 X (180 k) | B  | 35.9/16.1    |
| R284    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 62.5/27.9    |
| R286    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 64.4/29.7    |
| R287    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 28.8/40.8    |
| R288    | 7030005720 | S.RES       | ERJ2GEJ 563 X (56 k)  | T  | 27.9/40.8    |
| R289    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 35.3/41.7    |
| R289    | 7030005310 | S.RES       | ERJ2GEJ 124 X (120 k) | B  | 35.3/41.7    |
| R290    | 7030005240 | S.RES       | ERJ2GEJ 473 X (47 k)  | B  | 28.9/41      |
| R291    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | T  | 45.5/24.4    |
| R292    | 7030005530 | S.RES       | ERJ2GEJ 100 X (10)    | B  | 88.7/33.3    |
| R293    | 7030007270 | S.RES       | ERJ2GEJ 151 X (150)   | B  | 93.3/21.3    |
| R294    | 7030007280 | S.RES       | ERJ2GEJ 331 X (330)   | B  | 91.4/32.8    |
| R295    | 7030005710 | S.RES       | ERJ2GEJ 121 X (120)   | T  | 89.9/22.5    |
| R296    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 92.8/15.7    |
| R297    | 7030007350 | S.RES       | ERJ2GEJ 393 X (39 k)  | T  | 91.5/13.9    |
| R298    | 7030005310 | S.RES       | ERJ2GEJ 124 X (120 k) | T  | 91.3/15.1    |
| R300    | 7030005310 | S.RES       | ERJ2GEJ 124 X (120 k) | T  | 90.3/14.2    |
| R302    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 45.7/11.9    |
| R305    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 42.2/13.9    |
| R306    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 20/25.5      |
| R308    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 7.8/31.6     |
| R309    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 45.9/13.1    |
| R310    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | T  | 29.1/36.5    |
| R311    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 15/27.1      |
| R312    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 22.3/10.8    |
| R313    | 7030007340 | S.RES       | ERJ2GEJ 153 X (15 k)  | T  | 8.2/33       |
| R314    | 7030007340 | S.RES       | ERJ2GEJ 153 X (15 k)  | T  | 9.6/32.3     |
| R315    | 7030007340 | S.RES       | ERJ2GEJ 153 X (15 k)  | T  | 11.3/31.7    |
| R316    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | B  | 6.5/29.7     |
| R317    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | T  | 14.3/24.7    |
| R318    | 7030005160 | S.RES       | ERJ2GEJ 105 X (1 M)   | B  | 10.8/12.7    |
| R319    | 7030005090 | S.RES       | ERJ2GEJ 104 X (100 k) | B  | 10.6/15.8    |
| R321    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | T  | 88.6/20.8    |
| R322    | 7030005050 | S.RES       | ERJ2GEJ 103 X (10 k)  | B  | 87.6/20.6    |
| R323    | 7030007280 | S.RES       | ERJ2GEJ 331 X (330)   | T  | 87.9/24.3    |
| R325    | 7030007270 | S.RES       | ERJ2GEJ 151 X (150)   | B  | 92.1/21.7    |

## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION                 | M. | H/V LOCATION |
|---------|------------|-----------------------------|----|--------------|
| R330    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | T  | 55.6/34.9    |
| R331    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | T  | 47.2/16      |
| R333    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 16.6/31      |
| R334    | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)  | B  | 34.2/38.9    |
| R334    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 34.2/38.9    |
| R335    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 89.8/20.5    |
| R337    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 57.3/7.4     |
| R339    | 7030010040 | S.RES ERJ2GEJ-JPW           | T  | 9.3/24.2     |
| R340    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B  | 39/33.5      |
| R341    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 20.9/30.5    |
| R345    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 50.5/3.3     |
| R346    | 7030005700 | S.RES ERJ2GEJ 274 X (270 k) | T  | 50.3/4.5     |
| R351    | 7030005290 | S.RES ERJ2GEJ 682 X (6.8 k) | B  | 75.9/42.3    |
| R352    | 7030009290 | S.RES ERJ2GEJ 562 X (5.6 k) | B  | 75/42.3      |
| R353    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | B  | 76.4/41.1    |
| R354    | 7030008300 | S.RES ERJ2GEJ 184 X (180 k) | B  | 71.4/39.8    |
| R355    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B  | 73.2/42.3    |
| R356    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | B  | 67/40.5      |
| R357    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k) | B  | 66.1/42.3    |
| R357    | 7030008400 | S.RES ERJ2GEJ 182 X (1.8 k) | B  | 66.1/42.3    |
| R358    | 7030004980 | S.RES ERJ2GEJ 101 X (100)   | B  | 87.1/22.4    |
| R358    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B  | 87.1/22.4    |
| R359    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 11.2/26.6    |
| R360    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 23/24        |
| R361    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 26.4/20.4    |
| R362    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 26.4/25.1    |
| R363    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 19/22.3      |
| R364    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 16.8/17.2    |
| R365    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 16.8/18.1    |
| R366    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 19/20.5      |
| R367    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 15.7/26.6    |
| R368    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 52.5/12.3    |
| R369    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 26.4/21.3    |
| R370    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 22.2/35.6    |
| R371    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 7.2/18.1     |
| R372    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 25.7/23.8    |
| R373    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 17.4/38.1    |
| R374    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 28.2/36.5    |
| R375    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 50.7/41.1    |
| R376    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 64.4/27.9    |
| R377    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | T  | 55.6/35.8    |
| R378    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B  | 61.8/23      |
| R379    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B  | 58.3/23      |
| R380    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5 k) | B  | 71.4/42.3    |
| R381    | 7030007570 | S.RES ERJ2GEJ 122 X (1.2 k) | T  | 49.2/20.6    |
| R382    | 7030007300 | S.RES ERJ2GEJ 332 X (3.3 k) | B  | 50/24.1      |
| R382    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 50/24.1      |
| R383    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 34.5/4.9     |
| R384    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | T  | 23.5/16.9    |
| R385    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 38.4/34.7    |
| R385    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)   | B  | 38.4/34.7    |
| R386    | 7030010040 | S.RES ERJ2GEJ-JPW           | B  | 49.3/31.8    |
| R388    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 62.2/30.3    |
| R389    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)  | B  | 57.3/32.6    |
| R390    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k) | B  | 61/31.8      |
| R391    | 7030005720 | S.RES ERJ2GEJ 563 X (56 k)  | B  | 51.3/26.6    |
| R392    | 7030008310 | S.RES ERJ2GEJ 564 X (560 k) | B  | 53.1/26.6    |
| R393    | 7030007350 | S.RES ERJ2GEJ 393 X (39 k)  | B  | 52.2/26.6    |
| C1      | 4030017510 | S.CER ECJ0EC1H680J          | B  | 53.2/29.4    |
| C1      | 4030017670 | S.CER ECJ0EC1H390J          | B  | 53.2/29.4    |
| C2      | 4030017620 | S.CER ECJ0EC1H100C          | T  | 57.9/24      |
| C3      | 4030017430 | S.CER ECJ0EC1H101J          | T  | 57.9/20.4    |
| C4      | 4030016930 | S.CER ECJ0EB1A104K          | B  | 55.6/23      |
| C5      | 4030016790 | S.CER ECJ0EB1C103K          | B  | 63.5/19.3    |
| C6      | 4550007080 | S.TAN TEESVA 1C 106M8R      | T  | 58.1/13.3    |
| C7      | 4030017460 | S.CER ECJ0EB1E102K          | B  | 64.4/19.3    |
| C8      | 4030016790 | S.CER ECJ0EB1C103K          | B  | 53.5/18.7    |
| C9      | 4030016790 | S.CER ECJ0EB1C103K          | B  | 62.6/17.5    |
| C10     | 4030016930 | S.CER ECJ0EB1A104K          | B  | 50.4/14.9    |
| C11     | 4030017420 | S.CER ECJ0EC1H470J          | B  | 51.3/14.9    |
| C12     | 4030017420 | S.CER ECJ0EC1H470J          | B  | 50.4/17.1    |
| C13     | 4030017420 | S.CER ECJ0EC1H470J          | B  | 51.3/17.1    |
| C15     | 4030017460 | S.CER ECJ0EB1E102K          | B  | 60.8/13.6    |
| C17     | 4550000550 | S.TAN TEESVA 1V 224M8R      | B  | 64.8/24      |
| C18     | 4030016790 | S.CER ECJ0EB1C103K          | B  | 65.5/19.3    |
| C19     | 4550000510 | S.TAN TEESVA 1V 473M8R      | B  | 71.4/16.3    |
| C21     | 4030017420 | S.CER ECJ0EC1H470J          | T  | 67.8/11.8    |
| C22     | 4030017420 | S.CER ECJ0EC1H470J          | B  | 67/13.6      |
| C23     | 4030017420 | S.CER ECJ0EC1H470J          | B  | 66.4/19.3    |
| C24     | 4030017390 | S.CER ECJ0EC1H180J          | T  | 68.9/9.2     |
| C25     | 4030017510 | S.CER ECJ0EC1H680J          | T  | 70.8/8.3     |
| C26     | 4030017570 | S.CER ECJ0EC1H040B          | T  | 77.3/9       |
| C27     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 78.5/8.5     |
| C28     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 80.8/9.3     |
| C29     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 80.2/13.5    |
| C30     | 4030016790 | S.CER ECJ0EB1C103K          | T  | 78.5/11.4    |
| C31     | 4030017460 | S.CER ECJ0EB1E102K          | T  | 78.5/12.3    |
| C32     | 4030017460 | S.CER ECJ0EB1E102K          | T  | 74.2/16.9    |
| C33     | 4030016790 | S.CER ECJ0EB1C103K          | T  | 74.2/17.8    |
| C34     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 74.2/14.5    |
| C35     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 75.8/13.6    |
| C36     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 77.2/14.1    |
| C37     | 4030017380 | S.CER ECJ0EC1H050B          | T  | 73.7/13.2    |
| C38     | 4030017500 | S.CER ECJ0EC1H560J          | T  | 69.1/18.5    |
| C39     | 4030017400 | S.CER ECJ0EC1H220J          | T  | 67.7/17.2    |
| C40     | 4030016790 | S.CER ECJ0EB1C103K          | T  | 80.3/24.8    |
| C41     | 4030017460 | S.CER ECJ0EB1E102K          | T  | 79.4/24.8    |
| C42     | 4030017510 | S.CER ECJ0EC1H680J          | T  | 76/24.4      |
| C43     | 4030017390 | S.CER ECJ0EC1H180J          | T  | 76.4/22.5    |
| C44     | 4030017660 | S.CER ECJ0EC1H330J          | T  | 76.3/21      |
| C45     | 4030017560 | S.CER ECJ0EC1H2R5B          | T  | 75.4/22.5    |
| C46     | 4030017340 | S.CER ECJ0EC1H010B          | T  | 74.2/22.1    |

## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION |                    | M. | H/V LOCATION |
|---------|------------|-------------|--------------------|----|--------------|
| C47     | 4030017400 | S.CER       | ECJ0EC1H220J       | T  | 74.2/23.1    |
| C48     | 4030017440 | S.CER       | ECJ0EC1H221J       | T  | 70.4/25.1    |
| C49     | 4030017360 | S.CER       | ECJ0EC1H030B       | T  | 68/26.2      |
| C50     | 4030017360 | S.CER       | ECJ0EC1H030B       | T  | 65.6/25      |
| C51     | 4030017570 | S.CER       | ECJ0EC1H040B       | T  | 68.4/24      |
| C52     | 4030017380 | S.CER       | ECJ0EC1H050B       | T  | 68.4/23.1    |
| C53     | 4030017540 | S.CER       | ECJ0EC1HR75B       | T  | 80.2/14.5    |
| C54     | 4030017540 | S.CER       | ECJ0EC1HR75B       | T  | 78.4/15.5    |
| C55     | 4030017530 | S.CER       | ECJ0EC1HOR5B       | T  | 78/17.9      |
| C56     | 4030017420 | S.CER       | ECJ0EC1H470J       | B  | 81.7/20.5    |
| C57     | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 83.7/15.6    |
| C58     | 4550006250 | S.TAN       | TEESVA 1A 106M8R   | B  | 74.1/22.8    |
| C59     | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 74.4/16.3    |
| C60     | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 81.8/16.7    |
| C61     | 4030017730 | S.CER       | ECJ0EB1E471K       | T  | 81.7/22.2    |
| C62     | 4030017620 | S.CER       | ECJ0EC1H100C       | B  | 80.1/23.7    |
| C63     | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 76.5/24.8    |
| C64     | 4030017560 | S.CER       | ECJ0EC1H2R5B       | B  | 75.6/26.4    |
| C65     | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 81.9/25.3    |
| C66     | 4030017590 | S.CER       | ECJ0EC1H070C       | B  | 80.7/18.7    |
| C67     | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 85.3/21.8    |
| C68     | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 85.2/15.4    |
| C69     | 4030017620 | S.CER       | ECJ0EC1H100C       | B  | 86.1/16.6    |
| C117    | 4030017630 | S.CER       | ECJ0EC1H120J       | B  | 99.7/32.2    |
| C118    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 101.3/34.6   |
| C119    | 4030017580 | S.CER       | ECJ0EC1H060C       | B  | 98/35.3      |
| C120    | 4030017580 | S.CER       | ECJ0EC1H060C       | T  | 105.5/25     |
| C121    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 101.4/24.9   |
| C122    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 102.7/20.7   |
| C123    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 102.3/23.7   |
| C124    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 103.5/21     |
| C125    | 4030017340 | S.CER       | ECJ0EC1H010B       | T  | 105.5/22.2   |
| C126    | 4030017570 | S.CER       | ECJ0EC1H040B       | T  | 103.9/17.5   |
| C127    | 4030017570 | S.CER       | ECJ0EC1H040B       | T  | 103.9/16.6   |
| C128    | 4030017350 | S.CER       | ECJ0EC1H020B       | T  | 100.4/18.2   |
| C129    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 99.8/22.7    |
| C130    | 4030017420 | S.CER       | ECJ0EC1H470J       | T  | 99.8/21.7    |
| C131    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 97.8/19.8    |
| C132    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 101.3/19.8   |
| C133    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 104.4/17.4   |
| C134    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 97.8/21.4    |
| C135    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 97.9/25      |
| C136    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 96.6/24.4    |
| C137    | 4030017490 | S.CER       | C1608 JB 1A 105K-T | B  | 96.6/20.2    |
| C138    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 98.6/24      |
| C139    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 96.6/25.3    |
| C140    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 97.7/18.6    |
| C141    | 4030017570 | S.CER       | ECJ0EC1H040B       | T  | 96.8/18.6    |
| C142    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 96.5/20.7    |
| C143    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 92.8/20.7    |
| C144    | 4030017550 | S.CER       | ECJ0EC1H1R5B       | T  | 94.3/18.2    |
| C145    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 93.3/21.9    |
| C146    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 95/24.6      |
| C147    | 4030017580 | S.CER       | ECJ0EC1H060C       | T  | 90.9/18      |
| C148    | 4030017640 | S.CER       | ECJ0EC1H150J       | T  | 90.9/16.4    |
| C161    | 4030017590 | S.CER       | ECJ0EC1H070C       | T  | 87.2/14.9    |
| C162    | 4030017400 | S.CER       | ECJ0EC1H220J       | T  | 87.1/14      |
| C163    | 4030017400 | S.CER       | ECJ0EC1H220J       | T  | 87/20        |
| C164    | 4030017620 | S.CER       | ECJ0EC1H100C       | T  | 86.5/18.7    |
| C166    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 85.9/14.2    |
| C167    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 74/26.8      |
| C168    | 4030017460 | S.CER       | ECJ0EB1E102K       | T  | 59.8/15.9    |
| C169    | 4030017380 | S.CER       | ECJ0EC1H050B       | B  | 66.8/24      |
| C170    | 4030017350 | S.CER       | ECJ0EC1H020B       | B  | 67.7/24      |
| C171    | 4030017580 | S.CER       | ECJ0EC1H060C       | B  | 68.2/25.2    |
| C172    | 4030017380 | S.CER       | ECJ0EC1H050B       | B  | 68.6/26.4    |
| C173    | 4030017580 | S.CER       | ECJ0EC1H060C       | B  | 71.3/26.4    |
| C174    | 4030017350 | S.CER       | ECJ0EC1H020B       | B  | 72.2/26.4    |
| C177    | 4030017640 | S.CER       | ECJ0EC1H150J       | T  | 87.7/25.7    |
| C180    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 85.2/38.8    |
| C181    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 86.8/38.8    |
| C182    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 90.8/36.9    |
| C183    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 81.4/30.4    |
| C184    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 81.4/31.3    |
| C185    | 4550006250 | S.TAN       | TEESVA 1A 106M8R   | B  | 83.2/37      |
| C186    | 4030017420 | S.CER       | ECJ0EC1H470J       | B  | 81.4/32.2    |
| C187    | 4030017680 | S.CER       | ECJ0EC1H820J       | B  | 81.4/34.3    |
| C188    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 77/29.6      |
| C189    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 71.9/33.7    |
| C190    | 4030017590 | S.CER       | ECJ0EC1H070C       | B  | 85.6/36.6    |
| C191    | 4030016930 | S.CER       | ECJ0EB1A104K       | T  | 69.1/39.4    |
| C192    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 71.9/32.2    |
| C193    | 4030016930 | S.CER       | ECJ0EB1A104K       | T  | 72.4/38.9    |
| C194    | 4030016930 | S.CER       | ECJ0EB1A104K       | T  | 72.3/33.9    |
| C195    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 60.6/38.1    |
| C196    | 4030017360 | S.CER       | ECJ0EC1H030B       | B  | 73.8/29.6    |
| C197    | 4030017590 | S.CER       | ECJ0EC1H070C       | B  | 73.4/28.4    |
| C198    | 4030017570 | S.CER       | ECJ0EC1H040B       | B  | 72.3/30.4    |
| C199    | 4030017500 | S.CER       | ECJ0EC1H560J       | B  | 71/28.9      |
| C200    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 68.6/32.3    |
| C201    | 4030017620 | S.CER       | ECJ0EC1H100C       | T  | 58.8/20.4    |
| C202    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 76.8/36.6    |
| C203    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 81.4/33.1    |
| C204    | 4030017460 | S.CER       | ECJ0EB1E102K       | B  | 78.4/36.6    |
| C205    | 4030016930 | S.CER       | ECJ0EB1A104K       | B  | 48.3/16.4    |
| C206    | 4030016790 | S.CER       | ECJ0EB1C103K       | T  | 88.7/22.2    |
| C207    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 92.1/20.8    |
| C208    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 88.8/18.6    |
| C209    | 4030017380 | S.CER       | ECJ0EC1H050B       | B  | 92.1/22.6    |
| C210    | 4030017650 | S.CER       | ECJ0EC1H270J       | B  | 87.7/25.7    |
| C212    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 92.7/33.5    |
| C213    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 89.3/34.5    |
| C215    | 4030016790 | S.CER       | ECJ0EB1C103K       | B  | 89.2/36      |
| C216    | 4030017730 | S.CER       | ECJ0EB1E471K       | B  | 75.9/36.6    |

## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION              | M. | H/V LOCATION |
|---------|------------|--------------------------|----|--------------|
| C216    | 4030017740 | S.CER ECJ0EB1E821K       | B  | 75.9/36.6    |
| C217    | 4030017730 | S.CER ECJ0EB1E471K       | B  | 74.1/36.6    |
| C217    | 4030017740 | S.CER ECJ0EB1E821K       | B  | 74.1/36.6    |
| C218    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 72.3/36.6    |
| C219    | 4030017710 | S.CER ECJ0EC1H181J       | B  | 37.1/31.1    |
| C220    | 4030017400 | S.CER ECJ0EC1H220J       | T  | 51.8/28.4    |
| C221    | 4030017400 | S.CER ECJ0EC1H220J       | T  | 52.6/42.1    |
| C222    | 4030016970 | S.CER ECJ0EB1C223K       | B  | 62.6/33.9    |
| C223    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 66.1/38.2    |
| C224    | 4030017790 | S.CER ECJ0EB1E682K       | B  | 68.1/36.6    |
| C225    | 4030016940 | S.CER ECJ0EB1A393K       | B  | 68.1/38.2    |
| C226    | 4550006250 | S.TAN TEESVA 1A 106M8R   | B  | 41.6/39.4    |
| C227    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 43.4/36.8    |
| C228    | 4550000460 | S.TAN TEESVA 1C 105M8R   | T  | 58.4/42.1    |
| C229    | 4550000460 | S.TAN TEESVA 1C 105M8R   | B  | 60.4/39.7    |
| C230    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 56.4/41.2    |
| C231    | 4030017420 | S.CER ECJ0EC1H470J       | T  | 59/34.2      |
| C232    | 4030017420 | S.CER ECJ0EC1H470J       | T  | 57.5/34.2    |
| C233    | 4030017420 | S.CER ECJ0EC1H470J       | T  | 59/35.9      |
| C234    | 4030017420 | S.CER ECJ0EC1H470J       | T  | 57.5/36      |
| C235    | 4030017420 | S.CER ECJ0EC1H470J       | B  | 44.7/35.1    |
| C236    | 4030017420 | S.CER ECJ0EC1H470J       | B  | 43.8/35.1    |
| C237    | 4030016970 | S.CER ECJ0EB1C223K       | T  | 42.7/40.8    |
| C238    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 47.5/32      |
| C239    | 4030017420 | S.CER ECJ0EC1H470J       | T  | 43.4/29.6    |
| C240    | 4030017660 | S.CER ECJ0EC1H330J       | T  | 54.4/39.9    |
| C241    | 4030018240 | S.CER ECJ0EB1E562K       | T  | 57.5/38.3    |
| C242    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 55.6/34      |
| C243    | 4030018860 | S.CER ECJ0EB0J105K       | T  | 46.7/36.2    |
| C244    | 4030018080 | S.CER ECJ0EB1H182K       | B  | 45.3/6.5     |
| C245    | 4030017900 | S.CER ECJ0EB1C123K       | B  | 45.3/7.4     |
| C246    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 47.7/10.1    |
| C247    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 52.5/10.7    |
| C248    | 4030017710 | S.CER ECJ0EC1H181J       | B  | 46.4/39.2    |
| C249    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 50.8/30.6    |
| C250    | 4030017740 | S.CER ECJ0EB1E821K       | B  | 54.3/8.1     |
| C251    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 39.9/33.5    |
| C252    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 34.1/8.8     |
| C253    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 42.8/24      |
| C254    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 42.8/23.1    |
| C256    | 4030017760 | S.CER ECJ0EB1H222K       | B  | 36.1/4.9     |
| C257    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 45.3/4.7     |
| C258    | 4030017730 | S.CER ECJ0EB1E471K       | B  | 47.8/31.4    |
| C259    | 4550006250 | S.TAN TEESVA 1A 106M8R   | T  | 54.2/24.3    |
| C260    | 4550006250 | S.TAN TEESVA 1A 106M8R   | T  | 54.2/22.1    |
| C261    | 4030018860 | S.CER ECJ0EB0J105K       | T  | 49.2/21.5    |
| C264    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 37.7/8.2     |
| C265    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 39.3/30.6    |
| C266    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 40.6/31.1    |
| C267    | 4030017730 | S.CER ECJ0EB1E471K       | B  | 46.9/29.8    |
| C268    | 4030016960 | S.CER ECJ0EB1C183K       | B  | 47.8/27.4    |
| C269    | 4030016960 | S.CER ECJ0EB1C183K       | B  | 47.2/23.4    |
| C272    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 7.3/15.9     |
| C273    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 11.7/12.7    |
| C276    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 100.2/6.5    |
| C277    | 4550007080 | S.TAN TEESVA 1C 106M8R   | B  | 104/9.5      |
| C278    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 101.4/6.9    |
| C279    | 4030016790 | S.CER ECJ0EB1C103K       | B  | 98.2/7.6     |
| C280    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 105.4/10.9   |
| C281    | 4030016790 | S.CER ECJ0EB1C103K       | T  | 97.9/6.2     |
| C282    | 4550005980 | S.TAN TEESVA 1A 475M8R   | T  | 103.1/12.5   |
| C283    | 4030017460 | S.CER ECJ0EB1E102K       | T  | 96/11.4      |
| C284    | 4030016790 | S.CER ECJ0EB1C103K       | B  | 93.8/10.2    |
| C285    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 92.5/9.2     |
| C286    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 90.6/7.3     |
| C287    | 4030016790 | S.CER ECJ0EB1C103K       | B  | 88.7/9.7     |
| C288    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 89.7/7.3     |
| C289    | 4030017460 | S.CER ECJ0EB1E102K       | T  | 92.5/11.7    |
| C290    | 4030016790 | S.CER ECJ0EB1C103K       | T  | 91.8/7.3     |
| C291    | 4030017460 | S.CER ECJ0EB1E102K       | T  | 85/12.9      |
| C292    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 99.1/6.5     |
| C293    | 4550006480 | S.TAN TEESVA 1C 475M8R   | B  | 61.4/8.8     |
| C294    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 62.5/10.4    |
| C295    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 68.5/20.6    |
| C296    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 68.5/21.5    |
| C297    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 64.4/30.6    |
| C298    | 4030017460 | S.CER ECJ0EB1E102K       | T  | 59.3/31.6    |
| C299    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 32.1/35.2    |
| C300    | 4030017420 | S.CER ECJ0EC1H470J       | B  | 30.8/36.9    |
| C301    | 4030017750 | S.CER ECJ0EB1E122K       | B  | 25/31.7      |
| C302    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 26.3/33.8    |
| C303    | 4030016960 | S.CER ECJ0EB1C183K       | B  | 22.3/34.3    |
| C304    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 10.7/19      |
| C305    | 4030017420 | S.CER ECJ0EC1H470J       | T  | 25.4/35.6    |
| C306    | 4030017430 | S.CER ECJ0EC1H101J       | B  | 22.4/38      |
| C307    | 4030017910 | S.CER ECJ0EB1H152K       | B  | 22.3/35.2    |
| C308    | 4030017420 | S.CER ECJ0EC1H470J       | B  | 22.1/39.2    |
| C309    | 4030017690 | S.CER ECJ0EC1H121J       | B  | 21.2/41.7    |
| C310    | 4030017760 | S.CER ECJ0EB1H222K       | B  | 22.1/40.1    |
| C311    | 4030017460 | S.CER ECJ0EB1E102K       | B  | 19.7/40.5    |
| C312    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 32.6/38.9    |
| C312    | 4030018860 | S.CER ECJ0EB0J105K       | B  | 32.6/38.9    |
| C313    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 40.1/25.4    |
| C314    | 4030017460 | S.CER ECJ0EB1E102K       | T  | 19.1/40.7    |
| C315    | 4030018560 | S.CER C2012 JB 1A 475K-T | B  | 30.2/32.9    |
| C316    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 20.9/25.5    |
| C316    | 4030018900 | S.CER ECJ0EB0J474K       | T  | 20.9/25.5    |
| C317    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 31/5         |
| C318    | 4030016930 | S.CER ECJ0EB1A104K       | T  | 103.3/35.6   |
| C319    | 4550006780 | S.TAN TEESVBZ 0J 476M8R  | T  | 94.6/35.2    |
| C320    | 4030017420 | S.CER ECJ0EC1H470J       | B  | 88/12.6      |
| C321    | 4030017420 | S.CER ECJ0EC1H470J       | B  | 16.8/14.6    |
| C322    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 12.7/22.6    |
| C323    | 4030016930 | S.CER ECJ0EB1A104K       | B  | 12.7/20.8    |

## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION |                        | M. | H/V LOCATION |
|---------|------------|-------------|------------------------|----|--------------|
| C324    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 9.4/23.4     |
| C325    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 13/27.6      |
| C326    | 4030017030 | S.CER       | ECJ0EB1A273K           | B  | 16.2/30.6    |
| C328    | 4030017420 | S.CER       | ECJ0EC1H470J           | B  | 20.4/10.8    |
| C329    | 4030017580 | S.CER       | ECJ0EC1H060C           | T  | 4.8/39       |
| C330    | 4030017630 | S.CER       | ECJ0EC1H120J           | T  | 4.8/25.5     |
| C331    | 4030017640 | S.CER       | ECJ0EC1H150J           | B  | 10.8/30.5    |
| C332    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 26.4/26      |
| C333    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 24.1/22.4    |
| C336    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 34.3/30.7    |
| C339    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 36.6/24.5    |
| C340    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 22.6/27.5    |
| C341    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 25.4/34.7    |
| C342    | 4030016930 | S.CER       | ECJ0EB1A104K           | T  | 14.5/19.3    |
| C343    | 4030016930 | S.CER       | ECJ0EB1A104K           | T  | 12.7/22.2    |
| C344    | 4030016790 | S.CER       | ECJ0EB1C103K           | T  | 89.1/18.5    |
| C345    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 88.2/18.5    |
| C346    | 4030017630 | S.CER       | ECJ0EC1H120J           | B  | 88.4/17.4    |
| C347    | 4030016790 | S.CER       | ECJ0EB1C103K           | B  | 88.4/15.8    |
| C348    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 89.4/15.8    |
| C349    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 91.2/14.7    |
| C354    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 24.3/10.7    |
| C355    | 4030017420 | S.CER       | ECJ0EC1H470J           | B  | 23.3/10.8    |
| C358    | 4030017420 | S.CER       | ECJ0EC1H470J           | B  | 18.2/11.2    |
| C359    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 19.3/14.7    |
| C360    | 4030017420 | S.CER       | ECJ0EC1H470J           | B  | 64.4/27      |
| C361    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 32.5/15.1    |
| C362    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 16.8/16.3    |
| C363    | 4030017420 | S.CER       | ECJ0EC1H470J           | B  | 7.8/20       |
| C364    | 4030017420 | S.CER       | ECJ0EC1H470J           | B  | 10.6/16.7    |
| C365    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 57.1/6.7     |
| C366    | 4030018860 | S.CER       | ECJ0EB0J105K           | B  | 35.9/15.2    |
| C367    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 43.4/38.9    |
| C368    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 43.3/26.3    |
| C369    | 4030016930 | S.CER       | ECJ0EB1A104K           | T  | 27/40.8      |
| C370    | 4030016790 | S.CER       | ECJ0EB1C103K           | T  | 43.3/24.4    |
| C371    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 57.6/30.7    |
| C372    | 4030016930 | S.CER       | ECJ0EB1A104K           | T  | 57.6/31.6    |
| C373    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 29.8/38      |
| C376    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 89.5/12.7    |
| C377    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 66.9/32.3    |
| C378    | 4030016790 | S.CER       | ECJ0EB1C103K           | B  | 88/24        |
| C378    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 88/24        |
| C379    | 4030016790 | S.CER       | ECJ0EB1C103K           | T  | 94.9/31.7    |
| C380    | 4030011600 | S.CER       | C1608 JB 1E 104K-T     | B  | 105.7/10.4   |
| C381    | 4030017490 | S.CER       | C1608 JB 1A 105K-T     | B  | 96.6/7.2     |
| C382    | 4030016790 | S.CER       | ECJ0EB1C103K           | B  | 15.8/33.1    |
| C383    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 92.7/14.1    |
| C384    | 4030017420 | S.CER       | ECJ0EC1H470J           | T  | 92.7/13.2    |
| C385    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 6.9/20       |
| C386    | 4550006250 | S.TAN       | TEESVA 1A 106M8R       | B  | 76/14.4      |
| C387    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 77.2/17.4    |
| C391    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 64.2/25.8    |
| C393    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 47.4/18      |
| C397    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 56/13.2      |
| C407    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 20/27.8      |
| C408    | 4550005980 | S.TAN       | TEESVA 1A 475M8R       | B  | 36.6/35.5    |
| C408    | 4550007090 | S.TAN       | TEESVA 1A 226M8R       | B  | 36.6/35.5    |
| C409    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 11.2/27.6    |
| C410    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 35.6/28.3    |
| C412    | 4030017660 | S.CER       | ECJ0EC1H330J           | T  | 4.7/8.6      |
| C413    | 4030017660 | S.CER       | ECJ0EC1H330J           | T  | 4.6/21.8     |
| C414    | 4030016790 | S.CER       | ECJ0EB1C103K           | B  | 7.2/11.2     |
| C417    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 99.5/31.2    |
| C418    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 98.3/30.4    |
| C420    | 4030017780 | S.CER       | ECJ0EB1E472K           | B  | 53.6/5.8     |
| C421    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 13.8/19.9    |
| C422    | 4030016930 | S.CER       | ECJ0EB1A104K           | T  | 44.6/16      |
| C424    | 4030016790 | S.CER       | ECJ0EB1C103K           |    |              |
| C425    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 97.1/23.2    |
| C426    | 4030017380 | S.CER       | ECJ0EC1H050B           | B  | 79/18        |
| C427    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 85/20        |
| C428    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 29.3/33.8    |
| C430    | 4030018860 | S.CER       | ECJ0EB0J105K           | T  | 8.7/25.7     |
| C431    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 54.6/29.9    |
| C432    | 4030017340 | S.CER       | ECJ0EC1H010B           | T  | 104/27.1     |
| C433    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 107.5/30.5   |
| C434    | 4030017460 | S.CER       | ECJ0EB1E102K           | B  | 107.5/33.4   |
| C437    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 50.5/2.3     |
| C438    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 45.7/4       |
| C441    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 77.5/42.3    |
| C443    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 72.3/42.3    |
| C444    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 75.2/40.3    |
| C445    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 70.9/38.2    |
| C446    | 4030017040 | S.CER       | ECJ0EB1A333K           | B  | 66.1/40.5    |
| C447    | 4030017650 | S.CER       | ECJ0EC1H270J           | B  | 67/42.3      |
| C448    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 65.2/42.3    |
| C449    | 4030017460 | S.CER       | ECJ0EB1E102K           | T  | 31.6/20.1    |
| C450    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 50.7/42      |
| C451    | 4030018860 | S.CER       | ECJ0EB0J105K           | B  | 34.5/5.8     |
| C452    | 4030016930 | S.CER       | ECJ0EB1A104K           | B  | 51/31.8      |
| C453    | 4030018080 | S.CER       | ECJ0EB1H182K           | B  | 75/36.6      |
|         |            |             |                        |    |              |
| J1      | 6510025220 | S.CNR       | AXK540145J             | T  | 14.5/36.4    |
| J2      | 6510025220 | S.CNR       | AXK540145J             | T  | 36.5/36.4    |
| J3      | 6510025190 | S.CNR       | IMSA-9639S-20Y905      | T  | 52.3/12.7    |
| J4      | 6510023970 | S.CNR       | 20P3.5-JMCS-G-B-TF (N) | T  | 109/34.7     |
|         |            |             |                        |    |              |
| S3      | 2260002840 | SW          | SKHLLFA010             |    |              |
| S4      | 2260002800 | S.SW        | SW-167 (SKQTLAE010)    | T  | 53.5/44.2    |
| S5      | 2260002800 | S.SW        | SW-167 (SKQTLAE010)    | T  | 63.4/44.2    |
| S6      | 2260002800 | S.SW        | SW-167 (SKQTLAE010)    | T  | 106.4/44.2   |



## [MAIN-A UNIT] (for F3160 series)

| REF NO. | PARTS NO.  | DESCRIPTION                                  | M. | H/V LOCATION |
|---------|------------|----------------------------------------------|----|--------------|
| EP1     | 6910015370 | S.BEA ACZ1005Y-102-T                         | B  | 53.5/22.5    |
| EP3     | 6910015370 | S.BEA ACZ1005Y-102-T                         | B  | 45.5/36.8    |
| EP4     | 6910015600 | S.BEA ACZ1005Y-241 (240)                     | B  | 56.4/39.6    |
| EP5     | 6910015370 | S.BEA ACZ1005Y-102-T                         | B  | 62.6/21.7    |
| EP7     | 0880002600 | UBD EX-2887<br>[F3062S EUR-01], [F3160DT/DS] |    |              |

## [RF UNIT]

| REF NO. | PARTS NO.  | DESCRIPTION                                                      | M. | H/V LOCATION |
|---------|------------|------------------------------------------------------------------|----|--------------|
| IC601   | 1110002750 | S.IC TA75S01F (TE85R)<br>Except [FRG-01]                         | T  | 24.4/23.1    |
|         | 1110002751 | S.IC TA75S01F (TE85R,F) [FRG-01]                                 | T  | 24.4/23.1    |
| Q601    | 1560001230 | S.FET RD07MVS1<br>[F3061T], [F3063T], [F3061S], [F3063S]         | B  | 8/6.5        |
|         | 1560001231 | S.FET RD07MVS1-T112<br>[F3062T], [F3062S EUR-01], [FRG-01]       | B  | 8/6.5        |
| Q602    | 1560001241 | S.FET RD01MUS1-T113                                              | B  | 3.5/13.2     |
| Q603    | 1530003420 | S.TR 2SC5110-O (TE85R)<br>[F3061T], [F3063T], [F3061S], [F3063S] | B  | 8/18.1       |
|         | 1530003421 | S.TR 2SC5110-O (TE85R,F)<br>[F3062T], [F3062S EUR-01], [FRG-01]  | B  | 8/18.1       |
| Q604    | 1590002160 | S.TR XP6401-(TX)                                                 | T  | 7.7/15.3     |
| Q605    | 1530002060 | S.TR 2SC4081 T106 R                                              | T  | 8/17.9       |
| Q606    | 1590003290 | S.TR UNR9213J-(TX)                                               | T  | 21/20.5      |
| D601    | 1750000580 | S.DIO 1SV307 (TPH3)<br>[F3061T], [F3063T], [F3061S], [F3063S]    | T  | 22.4/10      |
|         | 1750000581 | S.DIO 1SV307 (TPH3,F)<br>[F3062T], [F3062S EUR-01], [FRG-01]     | T  | 22.4/10      |
| D603    | 1750000580 | S.DIO 1SV307 (TPH3)<br>[F3061T], [F3063T], [F3061S], [F3063S]    | B  | 17.8/13.2    |
|         | 1750000581 | S.DIO 1SV307 (TPH3,F)<br>[F3062T], [F3062S EUR-01], [FRG-01]     | B  | 17.8/13.2    |
| D604    | 1790001670 | S.DIO RB706F-40T106                                              | T  | 17.4/6.1     |
| D605    | 1790001670 | S.DIO RB706F-40T106                                              | T  | 28.4/21.7    |
| D606    | 1790001250 | S.DIO MA2S111-(TX)                                               | B  | 29.8/21.7    |
| D607    | 1730002430 | S.ZEN MA8150-M (TX)<br>[F3062T], [F3060S]                        | T  | 17.2/21.4    |
| L601    | 6200008580 | S.COL 0.30-1.4-6TL 32N<br>Except [FRG-01]                        | B  | 30.8/9.2     |
|         | 6200012780 | S.COL 0.30-1.4-6TL 27.2N [FRG-01]                                | B  | 30.8/9.2     |
| L602    | 6200008280 | S.COL 0.30-1.7-7TL 50N<br>Except [FRG-01]                        | B  | 30.2/12.4    |
| L602    | 6200012470 | S.COL 0.30-1.7-7TL 45.3N [FRG-01]                                | B  | 30.2/12.4    |
| L603    | 6200008170 | S.COL 0.35-1.6-8TL 54N<br>Except [FRG-01]                        | B  | 27.3/15.7    |
|         | 6200012910 | S.COL 0.35-1.6-8TL 45.5N [FRG-01]                                | B  | 27.3/15.7    |
| L604    | 6200008280 | S.COL 0.30-1.7-7TL 50N<br>Except [FRG-01]                        | B  | 20.1/13.1    |
|         | 6200012470 | S.COL 0.30-1.7-7TL 45.3N [FRG-01]                                | B  | 20.1/13.1    |
| L605    | 6200002861 | S.COL NLV25T-4R7J                                                | T  | 25.2/11.1    |
| L606    | 6200008580 | S.COL 0.30-1.4-6TL 32N<br>Except [FRG-01]                        | B  | 20.5/4.4     |
|         | 6200012780 | S.COL 0.30-1.4-6TL 27.2N [FRG-01]                                | B  | 20.5/4.4     |
| L607    | 6200008490 | S.COL 0.30-0.9-3TR 7.5N<br>Except [FRG-01]                       | B  | 16/4.1       |
|         | 6200012390 | S.COL 0.30-0.92-3TR 5.8N [FRG-01]                                | B  | 16/4.1       |
| L608    | 6200009710 | S.COL 0.30-0.9-4TL 10.5N<br>Except [FRG-01]                      | B  | 12.6/5.6     |
|         | 6200012400 | S.COL 0.30-0.91-4TL 8.6N [FRG-01]                                | B  | 12.6/5.6     |
| L609    | 6200008330 | S.COL 0.45-1.4-4TL 15N<br>Except [FRG-01]                        | B  | 9.2/11.8     |
|         | 6200012960 | S.COL 0.45-1.4-4TL 12.1N [FRG-01]                                | B  | 9.2/11.8     |
| L610    | 6200005711 | S.COL ELJRE 27NGFA                                               | B  | 6.7/13.8     |
| L611    | 6200003590 | S.COL EXCCL3225U1                                                | B  | 14.6/17.4    |
| L612    | 6200005731 | S.COL ELJRE 39NGFA                                               | B  | 4.6/18.6     |
| L613    | 6200006190 | S.COL BLM21PG300SN1D                                             | T  | 13.1/20.2    |
| R601    | 7030003680 | S.RES ERJ3GEYJ 104 V (100 k)                                     | T  | 29/8.3       |
| R603    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7 k)                                      | B  | 18/3.3       |
| R604    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)                                      | T  | 17.7/9       |
| R605    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)                                      | T  | 17.7/10      |
| R606    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)                                       | T  | 27.6/20.4    |
| R607    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                      | T  | 19.4/20.9    |
| R608    | 7030005110 | S.RES ERJ2GEJ 224 X (220 k)                                      | T  | 26.6/22      |
| R609    | 7030005530 | S.RES ERJ2GEJ 100 X (10)                                         | B  | 24.1/24.7    |
| R610    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k)                                      | T  | 28.6/22      |
| R611    | 7030004990 | S.RES ERJ2GEJ 221 X (220)                                        | T  | 29.4/20      |
| R613    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)                                      | B  | 4.2/7.4      |
| R614    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)                                      | B  | 2.4/8.6      |
| R615    | 7030007250 | S.RES ERJ2GEJ 220 X (22)                                         | B  | 4/8.6        |
| R616    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)                                       | B  | 3.4/17.4     |
| R617    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)                                      | B  | 2.4/18.4     |
| R618    | 7030004980 | S.RES ERJ2GEJ 101 X (100)                                        | B  | 3.8/16.2     |
| R619    | 7030004980 | S.RES ERJ2GEJ 101 X (100)                                        | B  | 6/17.7       |
| R620    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k)                                      | B  | 7.7/21.2     |
| R621    | 7030007290 | S.RES ERJ2GEJ 222 X (2.2 k)                                      | B  | 6.7/20       |
| R622    | 7030005530 | S.RES ERJ2GEJ 100 X (10)                                         | T  | 6.8/21.4     |
| R623    | 7030007330 | S.RES ERJ1WRSJR15U (0.15)                                        | T  | 16/16.8      |
| R624    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)                                        | T  | 12.9/14.4    |
| R625    | 7030005050 | S.RES ERJ2GEJ 103 X (10 k)                                       | T  | 6/18.1       |
| R626    | 7030005120 | S.RES ERJ2GEJ 102 X (1 k)                                        | T  | 7.7/20.2     |
| R627    | 7030005060 | S.RES ERJ2GEJ 333 X (33 k)                                       | T  | 6.7/20.2     |
| R628    | 7030003370 | S.RES ERJ3GEYJ 271 V (270)                                       | T  | 26.7/17      |
| R629    | 7030003370 | S.RES ERJ3GEYJ 271 V (270)                                       | T  | 25.4/17      |
| R631    | 7030008300 | S.RES ERJ2GEJ 184 X (180 k)                                      | T  | 21.7/18.7    |
| R632    | 7030009140 | S.RES ERJ2GEJ 272 X (2.7 k)                                      | B  | 28.7/19.2    |
| R633    | 7030005040 | S.RES ERJ2GEJ 472 X (4.7 k)<br>[F3061T], [F3063T]                | B  | 26.5/20.8    |
|         | 7030007340 | S.RES ERJ2GEJ 153 X (15 k)<br>[F3062T], [F3060S]                 | B  | 26.5/20.8    |
| C601    | 4030006990 | S.CER C1608 CH 1H 080D-T                                         | B  | 30.6/6.4     |
| C602    | 4030011770 | S.CER C1608 CH 1H 060B-T                                         | B  | 33.1/10.5    |
| C604    | 4030009650 | S.CER C1608 CH 1H 240J-T                                         | B  | 28.5/7.7     |
| C605    | 4030009920 | S.CER C1608 CH 1H 050B-T                                         | B  | 32.3/13.1    |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

**[RF UNIT]**

| REF NO. | PARTS NO.  | DESCRIPTION                              | M. | H/V LOCATION |
|---------|------------|------------------------------------------|----|--------------|
| C606    | 4030007060 | S.CER C1608 CH 1H 270J-T                 | B  | 28.1/11.7    |
| C608    | 4030009540 | S.CER C1608 CH 1H 1R5B-T                 | B  | 27.7/17.8    |
| C609    | 4030007020 | S.CER C1608 CH 1H 120J-T                 | B  | 25.5/11.7    |
| C610    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 24.1/12.1    |
| C611    | 4030007020 | S.CER C1608 CH 1H 120J-T                 | B  | 23.4/10.3    |
| C612    | 4030017650 | S.CER ECJ0EC1H270J                       | B  | 21.1/15.5    |
| C613    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 25.8/13.3    |
| C614    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 25.3/19.2    |
| C615    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 21/7.8       |
| C616    | 4030007040 | S.CER C1608 CH 1H 180J-T                 | B  | 20.9/8       |
| C617    | 4030007040 | S.CER C1608 CH 1H 180J-T                 | B  | 19.6/8       |
| C618    | 4030017530 | S.CER ECJ0EC1H0R5B                       | T  | 17.4/3.8     |
| C619    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 17.7/8       |
| C620    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 19.3/6.3     |
| C622    | 4030011770 | S.CER C1608 CH 1H 060B-T                 | B  | 18.3/8       |
| C623    | 4030007100 | S.CER C1608 CH 1H 560J-T                 | B  | 17.9/5.4     |
| C624    | 4030007110 | S.CER C1608 CH 1H 680J-T                 | B  | 14.5/6.5     |
| C626    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 28.2/17.5    |
| C627    | 4030016790 | S.CER ECJ0EB1C103K                       | T  | 21.8/22.3    |
| C628    | 4030016790 | S.CER ECJ0EB1C103K                       | T  | 27.6/22      |
|         | 4030016930 | S.CER ECJ0EB1A104K                       |    |              |
|         |            | [F3061T], [F3063T], [F3061S], [F3063S]   | T  | 27.6/22      |
|         | 4030016940 | S.CER ECJ0EB1A393K                       |    |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01]      | T  | 27.6/22      |
| C629    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 25.8/18.8    |
| C630    | 4030016930 | S.CER ECJ0EB1A104K                       | T  | 24.5/25.3    |
| C631    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 28.6/18.7    |
| C632    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 21/20.2      |
| C633    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 13.7/15.4    |
| C634    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 2.2/7.4      |
| C635    | 4030017730 | S.CER ECJ0EB1E471K                       | B  | 3.2/7.4      |
| C637    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 3.1/9.3      |
| C638    | 4030017430 | S.CER ECJ0EC1H101J                       | B  | 4.7/9.8      |
| C639    | 4030017490 | S.CER C1608 JB 1A 105K-T                 | B  | 13.8/14.2    |
| C640    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 8.1/14.7     |
| C642    | 4030016790 | S.CER ECJ0EB1C103K                       | B  | 2.2/16.2     |
| C643    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 2.2/17.2     |
| C644    | 4030017420 | S.CER ECJ0EC1H470J                       | T  | 2/18.8       |
| C645    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 4.2/18.8     |
| C646    | 4030017430 | S.CER ECJ0EC1H101J                       | B  | 5/16.5       |
| C647    | 4030017420 | S.CER ECJ0EC1H470J                       | T  | 5.6/21.5     |
| C648    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 5.7/21.5     |
| C649    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 10.1/22.8    |
| C650    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 6/18.7       |
| C651    | 4030017650 | S.CER ECJ0EC1H270J                       | B  | 8.3/20       |
| C653    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 17.2/14.2    |
| C654    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 6/17.1       |
| C655    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 8.7/20.2     |
| C656    | 4030016930 | S.CER ECJ0EB1A104K                       | T  | 16.5/19.4    |
| C657    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 15.5/19.4    |
| C658    | 4030017420 | S.CER ECJ0EC1H470J                       | T  | 14.5/19.4    |
| C659    | 4030017420 | S.CER ECJ0EC1H470J                       | T  | 14.7/21.2    |
| C660    | 4030017460 | S.CER ECJ0EB1E102K                       | T  | 13.2/23.8    |
| C661    | 4030016930 | S.CER ECJ0EB1A104K                       | T  | 12.2/23.8    |
| C662    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 6.8/11.2     |
| C663    | 4030009920 | S.CER C1608 CH 1H 050B-T                 | B  | 34.3/10.5    |
| C664    | 4030011770 | S.CER C1608 CH 1H 060B-T                 | B  | 15.7/6.5     |
| C665    | 4030017530 | S.CER ECJ0EC1H0R5B                       | B  | 29.8/20.1    |
| C666    | 4030017460 | S.CER ECJ0EB1E102K                       | B  | 26.5/22.4    |
| C667    | 4030018910 | S.CER C1608 JB 0J 475K-T                 |    |              |
|         |            | [F3062T], [F3062S EUR-01], [FRG-01] only | B  | 23.5/22.3    |
| J601    | 6910017940 | CNR IMSA-9230B-1-05Z118-PT1              |    |              |
| J602    | 6910017940 | CNR IMSA-9230B-1-05Z118-PT1              |    |              |
| F601    | 5210000970 | S.FUS ERBSE3R00U                         | T  | 13.9/22.4    |
| EP602   | 6910012350 | S.BEA MMZ1608Y 102BT                     | B  | 7.8/15.8     |

**[JACK UNIT]**

| REF NO. | PARTS NO.  | DESCRIPTION                        | M. | H/V LOCATION |
|---------|------------|------------------------------------|----|--------------|
| D801    | 1790001810 | S.VSR AVR-M1005C080MTABB           | B  | 13.7/1.7     |
| D802    | 1790001810 | S.VSR AVR-M1005C080MTABB           | B  | 14.7/3.8     |
| D803    | 1790001810 | S.VSR AVR-M1005C080MTABB           | B  | 13.8/3.8     |
| D804    | 1790001810 | S.VSR AVR-M1005C080MTABB           | B  | 14.1/2.6     |
| D805    | 1790001810 | S.VSR AVR-M1005C080MTABB           | B  | 13.5/0.8     |
| J801    | 6510025140 | S.CNR 10FLT-SM1-TB Except [FRG-01] | B  | 5/2.6        |
|         | 6510025141 | S.CNR 10FLT-SM2-TB (LF) [FRG-01]   | B  | 5/2.6        |
| EP801   | 6910012350 | S.BEA MMZ1608Y 102BT               | B  | 10/3.7       |
| EP802   | 6910012350 | S.BEA MMZ1608Y 102BT               | B  | 10/2.2       |
| EP803   | 6910012350 | S.BEA MMZ1608Y 102BT               | B  | 10/9         |

**[VR UNIT] (for other than [FRG-01])**

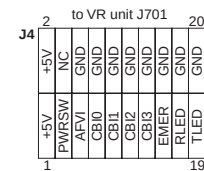
| REF NO. | PARTS NO.  | DESCRIPTION                       | M. | H/V LOCATION |
|---------|------------|-----------------------------------|----|--------------|
| Q701    | 1590001400 | S.TR XP1214 (TX)                  | T  | 32.2/6.2     |
| R701    | 7410001140 | S.ARY EXB28V104JX                 | T  | 11.4/1.8     |
| R702    | 7030007280 | S.RES ERJ2GEJ 331 X (330)         | T  | 31.7/8.6     |
| R703    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5 k)       | T  | 32.7/8.6     |
| R704    | 7210003061 | VAR TP76N00N-15F-A103-2251A       |    |              |
| R705    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | T  | 13.2/2.8     |
| C701    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 10.1/5.2     |
| C702    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 11.1/5.2     |
| C703    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 12.1/5.2     |
| C704    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 14.3/3.2     |
| J701    | 6510024930 | S.CNR 20RF-JMCSG1BTF (N) (LF)(SN) | B  | 11.4/4.1     |
| DS701   | 5040002670 | S.LED CL-165HR/YG                 | T  | 33.5/11.1    |
| S701    | 2250000490 | ECR TP70TF5163-15.9F-2775         |    |              |
| S702    | 2230001060 | S.SW EVQ-PUL 02K                  | T  | 8/10.4       |

**[VR-A UNIT] (for [FRG-01])**

| REF NO. | PARTS NO.  | DESCRIPTION                       | M. | H/V LOCATION |
|---------|------------|-----------------------------------|----|--------------|
| Q701    | 1590001400 | S.TR XP1214 (TX)                  | T  | 32.2/6.2     |
| R701    | 7410001140 | S.ARY EXB28V104JX                 | T  | 11.2/1.8     |
| R702    | 7030007280 | S.RES ERJ2GEJ 331 X (330)         | T  | 31.7/8.6     |
| R703    | 7030005030 | S.RES ERJ2GEJ 152 X (1.5 k)       | T  | 32.7/8.6     |
| R704    | 7210003061 | VAR TP76N00N-15F-A103-2251A       |    |              |
| R705    | 7030005090 | S.RES ERJ2GEJ 104 X (100 k)       | T  | 13.1/2.9     |
| C701    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 10.1/5.2     |
| C702    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 11.1/5.2     |
| C703    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 12.1/5.2     |
| C704    | 4030017420 | S.CER ECJ0EC1H470J                | T  | 14/3.9       |
| J701    | 6510024930 | S.CNR 20RF-JMCSG1BTF (N) (LF)(SN) | B  | 11.4/4.1     |
| DS701   | 5040002670 | S.LED CL-165HR/YG                 | T  | 33.5/11.1    |
| S701    | 2250000600 | ECR TP70N1035E20-15.9F-2893       |    |              |
| S702    | 2230001060 | S.SW EVQ-PUL 02K                  | T  | 8/10.4       |

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)  
S.=Surface mount

- FRONT UNIT (TOP VIEW)

[illegible]

|                  |           |      |    |
|------------------|-----------|------|----|
| 40               | <b>J2</b> |      | 1  |
|                  | D IF      | D IF |    |
|                  | GND       | GND  |    |
|                  | +5V       | NC   |    |
|                  | VCC       | NC   |    |
|                  | NC        | NC   |    |
|                  | NC        | DMO  |    |
|                  | NC        | NC   |    |
|                  | NC        | DMI  |    |
|                  | NC        | NC   |    |
|                  | DISC      | VREF |    |
|                  | NC        | NC   |    |
|                  | DAFO      | NC   |    |
|                  | NC        | NC   |    |
|                  | CCS       | OPT1 |    |
|                  | CIRQ      | OPT2 |    |
| 21               | NC        | OPT3 | 20 |
|                  | CSO       | GND  |    |
|                  | CSI       | NC   |    |
|                  | CCK       | GND  |    |
|                  | GND       | GND  |    |
| to optional unit |           |      |    |

|    |                  |      |    |
|----|------------------|------|----|
|    | J1               |      |    |
| 40 | NC               | NC   | 1  |
|    | GND              | GND  |    |
|    | +5V              | PTI1 |    |
|    | VCC              | PTT0 |    |
|    | NC               | MCOT |    |
|    | MMUT             | NC   |    |
|    | AFONO            | MCIN |    |
|    | BEPO             | NC   |    |
|    | RMUT             | NC   |    |
|    | DISC             | NC   |    |
|    | AFOUT            | NC   |    |
|    | NC               | BUSY |    |
|    | REM              | SIG0 |    |
|    | CCS              | OPT1 |    |
|    | CIR0             | OPT2 |    |
|    | NC               | OPT3 |    |
|    | CSO              | GND  |    |
|    | CSI              | OPV3 |    |
|    | CCK              | OPV2 |    |
| 21 | GND              | OPV1 | 20 |
|    | to optional unit |      |    |

**RF UNIT (TOP VIEW)**

from battery

**J601**

|   |       |
|---|-------|
| 5 | GND   |
|   | TXRF  |
|   | GND   |
|   | ISENS |
| 1 | HV    |

to MAIN unit

**J602**

|   |      |
|---|------|
| 5 | TMUT |
|   | TSV  |
|   | T2   |
|   | GND  |
| 1 | RXRF |

to MAIN unit

**CHASSIS**

**J1**

**ANT**

**B6419D**

**J601**

**J602**

**R623**

**Q604**

**Q605**

**Q606**

**Q607**

**Q608**

**Q609**

**Q610**

**Q611**

**Q612**

**Q613**

**Q614**

**Q615**

**Q616**

**Q617**

**Q618**

**Q619**

**Q620**

**Q621**

**Q622**

**Q623**

**Q624**

**Q625**

**Q626**

**Q627**

**Q628**

**Q629**

**Q630**

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**Q855**

**Q856**

**Q857**

**Q858**

**Q859**

**Q860**

**Q861**

**Q862**

**Q863**

**Q864**

**Q865**

**Q866**

**Q867**

**Q868**

**Q869**

**Q870**

• **JACK UNIT (TOP VIEW)**

The diagram shows the top view of the Jack Unit. It features two main components: the MP801 and the B6421D. The MP801 is a rectangular component with a central circular area containing several small circles. The B6421D is a larger, irregularly shaped component with a complex internal circuit pattern. The components are connected to a multi-pin connector. The connector has two rows of pins, numbered 1 to 9. The top row (pins 1-5) is labeled AFO, OPTV, RESET, TXD, and PTT. The bottom row (pins 6-9) is labeled VCC, MICE, FXD, and MIC. A label 'MULTI CONNECTOR' is placed to the right of the connector. The diagram also includes a grid with labels V18, V5, V0, H9, H5, H18, H15, H8, and H2.

**MP801**

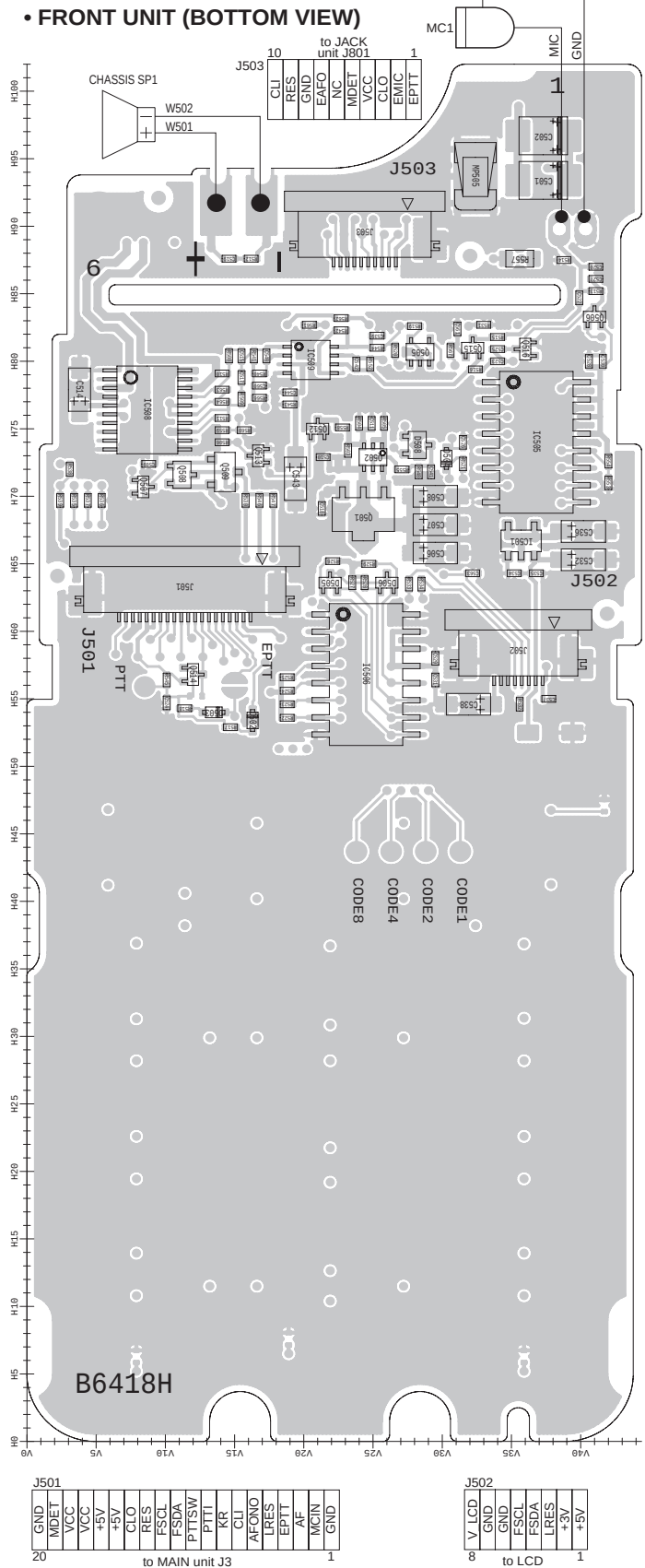
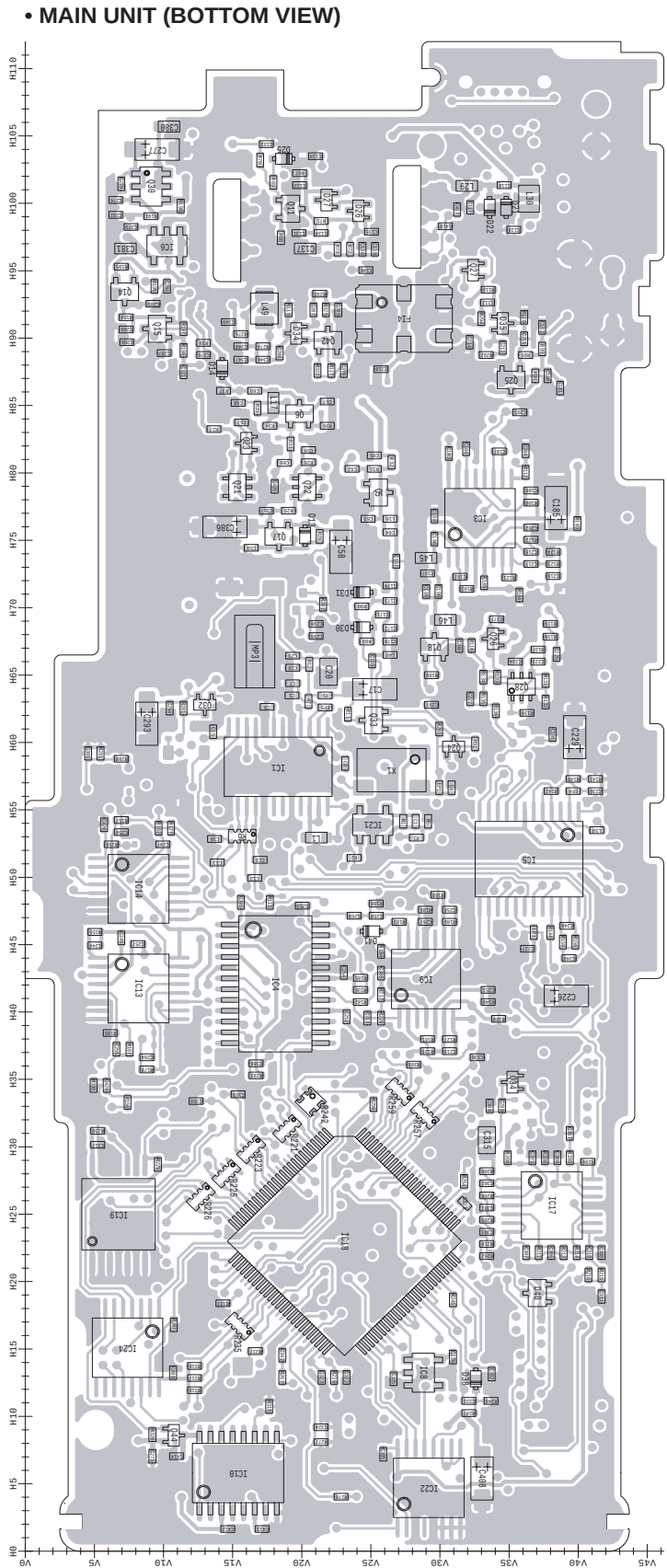
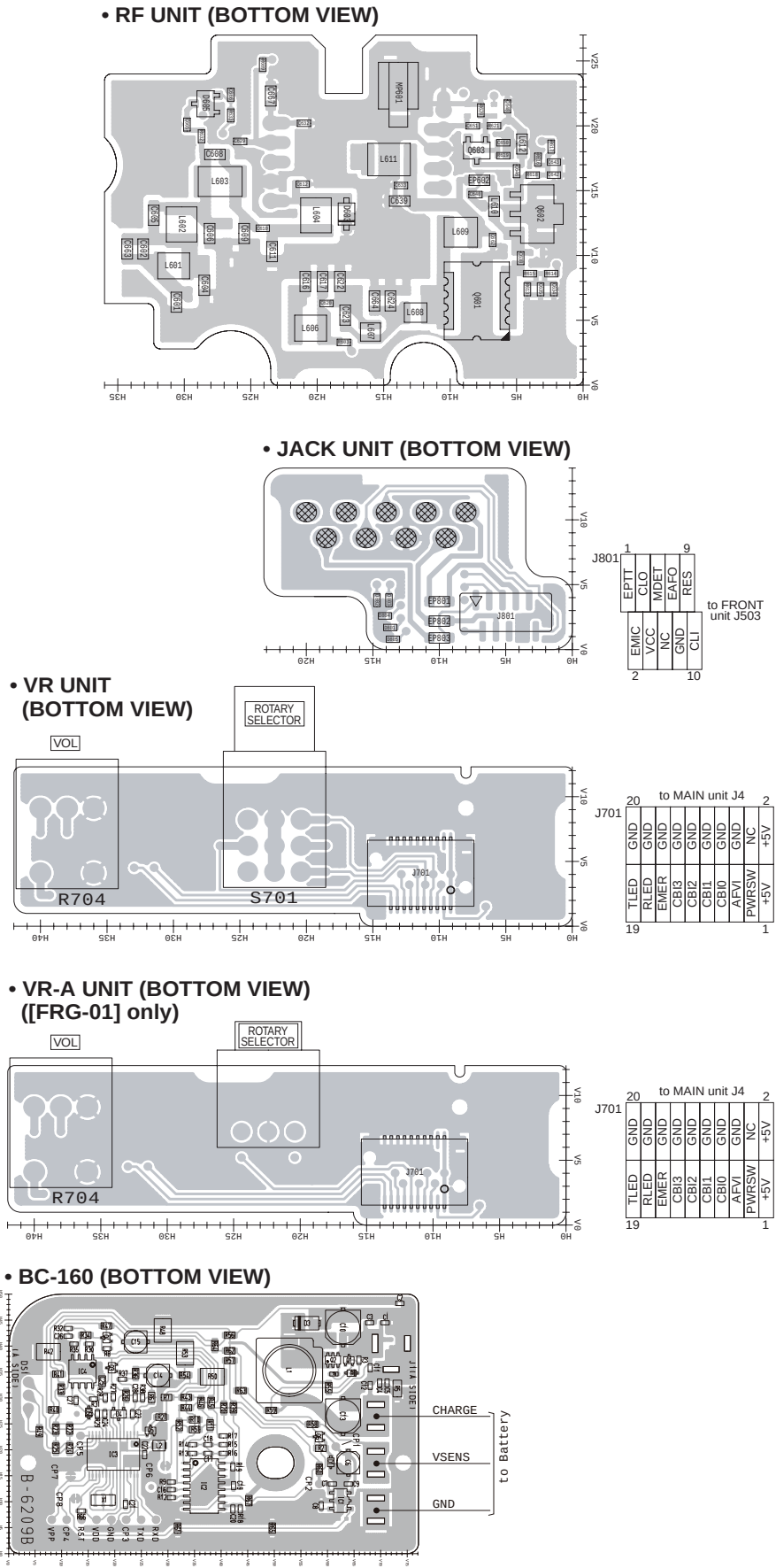
|   |     |      |       |     |     |   |
|---|-----|------|-------|-----|-----|---|
| 1 | AFO | OPTV | RESET | TXD | PTT | 9 |
| 2 | VCC | MICE | FXD   | MIC |     | 8 |

**B6421D**

**MULTI CONNECTOR**



The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.



|    |     |                 |      |      |      |      |      |      |      |    |
|----|-----|-----------------|------|------|------|------|------|------|------|----|
|    | 2   | to VR unit J701 |      |      |      |      |      |      |      | 20 |
| J4 | +5V | PWRSW           | NC   | GND  | GND  | GND  | GND  | GND  | GND  |    |
|    |     | AFVI            | CB10 | CB11 | CB12 | CB13 | EMER | RLED | TLED |    |
|    | 1   |                 |      |      |      |      |      |      |      | 19 |

| J2 |      |        |
|----|------|--------|
| 40 | D IF | D IF 1 |
|    | GND  | GND    |
|    | +5V  | NC     |
|    | VCC  | NC     |
|    | NC   | NC     |
|    | NC   | DMO    |
|    | NC   | NC     |
|    | NC   | DMI    |
|    | NC   | NC     |
|    | DISC | VREF   |
|    | NC   | NC     |
|    | DAFO | NC     |
|    | NC   | NC     |
|    | CCS  | OPT1   |
|    | CIRQ | OPT2   |
|    | NC   | OPT3   |
|    | CSO  | GND    |
|    | CSI  | NC     |
|    | CCK  | GND    |
| 21 | GND  | GND 2  |

to optional unit

|                  |           |      |   |
|------------------|-----------|------|---|
| 40               | <b>J1</b> |      | 1 |
|                  | NC        | NC   |   |
|                  | GND       | GND  |   |
|                  | +5V       | PTT1 |   |
|                  | VCC       | PTT0 |   |
|                  | NC        | MCOT |   |
|                  | MMUT      | NC   |   |
|                  | AFONO     | MCIN |   |
|                  | BEPO      | NC   |   |
|                  | RMUT      | NC   |   |
|                  | DISC      | NC   |   |
|                  | AFOUT     | NC   |   |
|                  | NC        | BUSY |   |
|                  | REM       | SIGO |   |
|                  | CCS       | OPT1 |   |
|                  | CIRO      | OPT2 |   |
| 21               | NC        | OPT3 | 2 |
|                  | CSO       | GND  |   |
|                  | CSI       | OPV3 |   |
|                  | CCK       | OPV2 |   |
|                  | GND       | OPV1 |   |
| to optional unit |           |      |   |

**J3**

|     |                    |    |      |      |       |     |    |      |       |      |      |     |     |     |     |     |     |      |     |
|-----|--------------------|----|------|------|-------|-----|----|------|-------|------|------|-----|-----|-----|-----|-----|-----|------|-----|
| GND | MCIN               | AF | EPTT | LRES | AFONO | CLI | KR | PTTI | PTTSW | FSDA | FSDL | RES | CLO | +5V | +5V | VCC | VCC | MDET | GND |
| 1   | to FRONT unit J501 |    |      |      |       |     |    |      |       |      |      |     |     |     |     |     |     |      | 2   |

[illegible]

**J601**

|   |       |
|---|-------|
| 5 | GND   |
|   | TXRF  |
|   | GND   |
|   | ISENS |
| 1 | HV    |

to MAIN unit

**J602**

|   |       |
|---|-------|
| 5 | TMUT  |
|   | T5V   |
|   | T2    |
|   | GND   |
| 1 | RXRFR |

to MAIN unit

Figure 1: PCB layout of the B6421D module. The diagram shows a top-down view of the PCB with various components and labels. The B6421D chip is located at the bottom left, with labels V0, GND, CU, ATU, STU, and ATU along its bottom edge. Above it is the MP801 component, with labels V5 and V18 along its top edge. To the right of the MP801 is a multi-connector labeled MULTI CONNECTOR. The connector has 9 pins, numbered 1 to 9. The pin functions are: 1: AFO, 2: VCC, 3: OPTV, 4: MICE, 5: RESET, 6: RXD, 7: TXD, 8: MIC, 9: PTT.

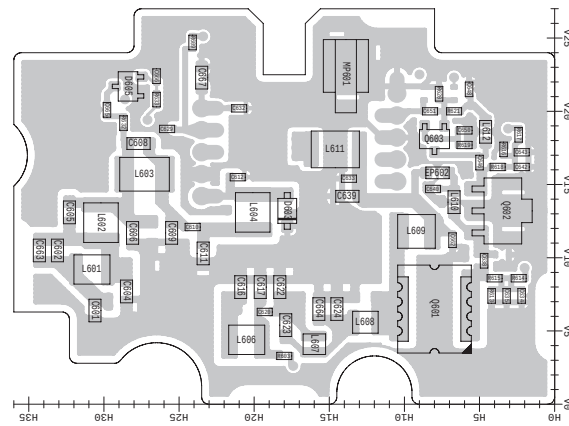
**MP801**

|   |       |  |   |
|---|-------|--|---|
| 1 | AFO   |  | 9 |
|   | OPTV  |  |   |
|   | RESET |  |   |
|   | TXD   |  |   |
|   | PTT   |  |   |
|   | VCC   |  |   |
|   | MICE  |  |   |
|   | RXD   |  |   |
|   | MIC   |  |   |
| 2 |       |  | 8 |

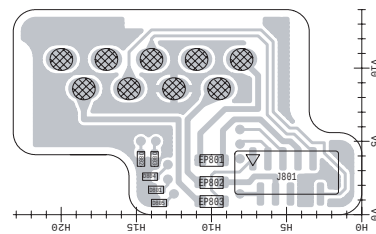
Diagram of the back of the device. It shows a DC IN port, a USB port, a circular button, and a D51 connector.



• RF UNIT (BOTTOM VIEW)

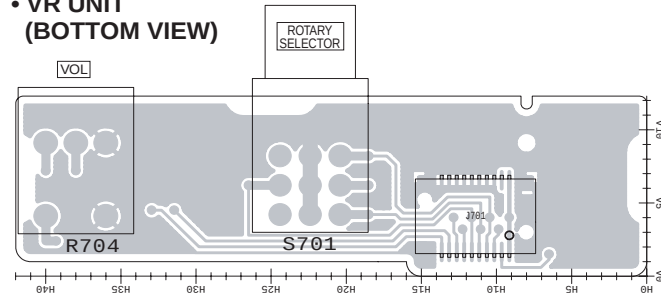


- JACK UNIT (BOTTOM VIEW)



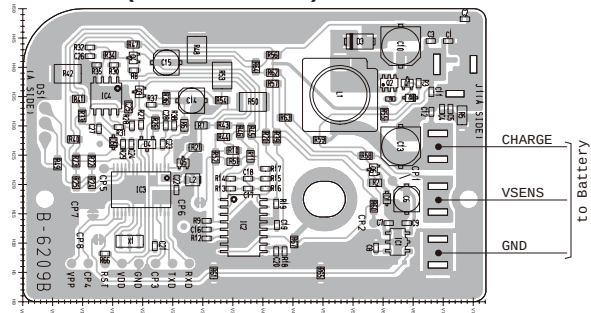
to FRONT unit J503

- VR UNIT  
(BOTTOM VIEW)

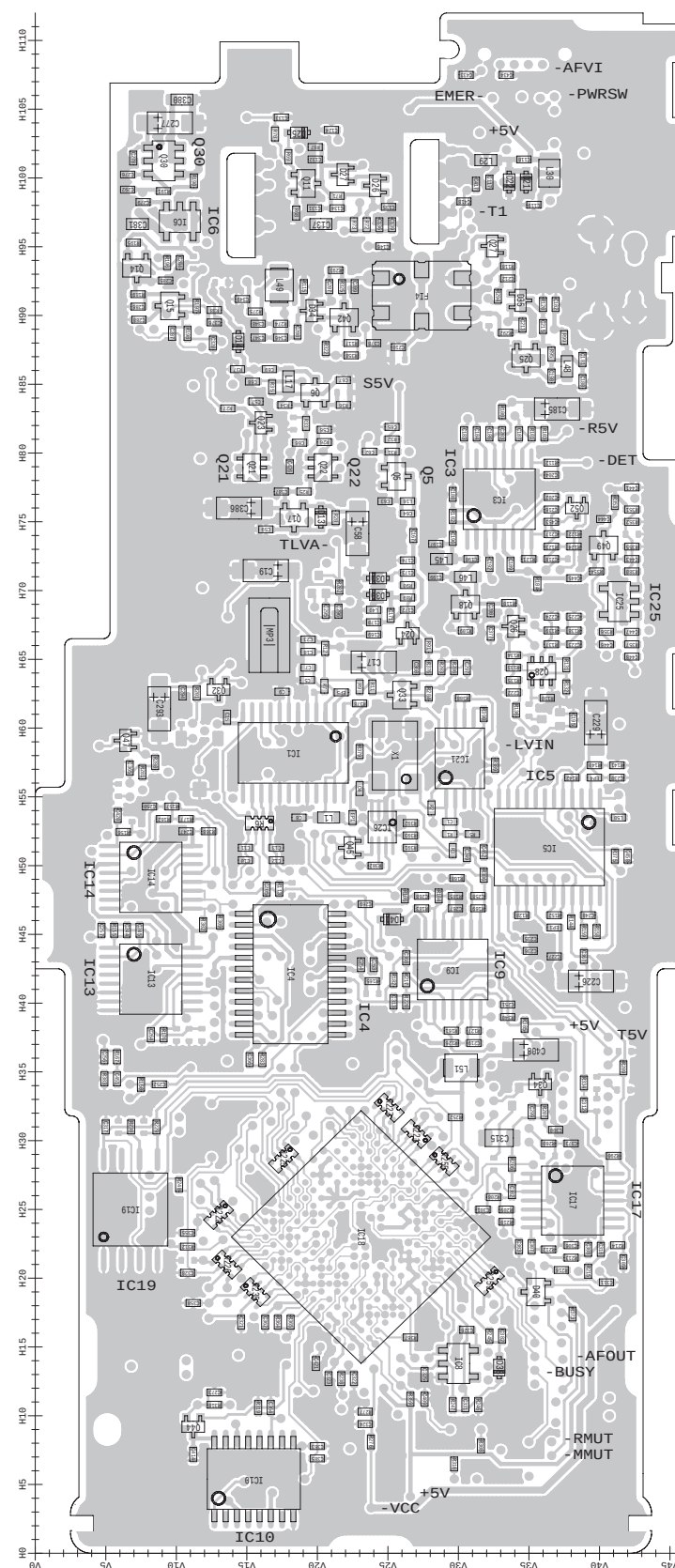


|      |       |                 |     |
|------|-------|-----------------|-----|
| J701 | 20    | to MAIN unit J4 |     |
|      |       | TLED            | GND |
|      |       | RLED            | GND |
|      |       | EMER            | GND |
|      |       | CB13            | GND |
|      |       | CB12            | GND |
|      |       | CB11            | GND |
|      |       | CB10            | GND |
|      |       | AFVI            | GND |
|      | PWRSW | NC              |     |

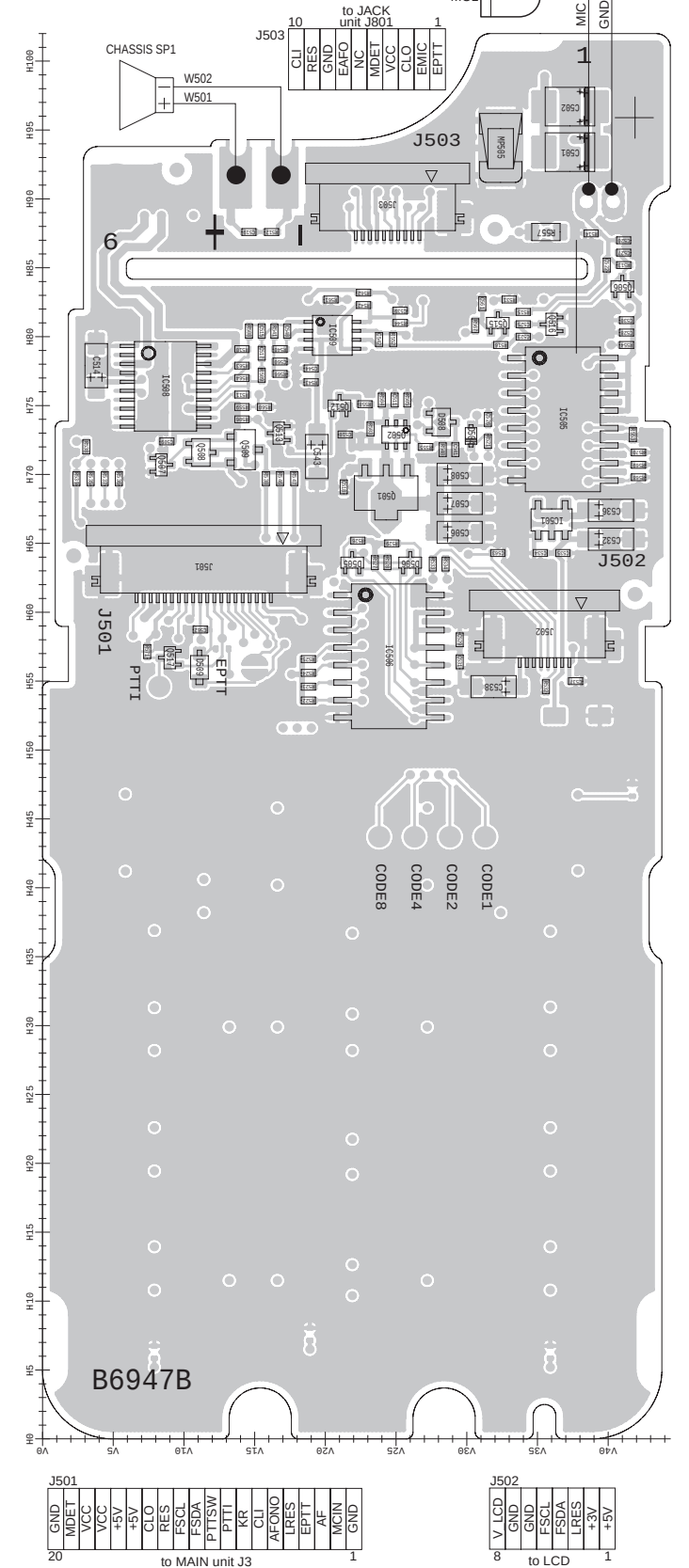
- **BC-160 (BOTTOM VIEW)**



- MAIN-A UNIT (BOTTOM VIEW)



- FRONT-A UNIT (BOTTOM VIEW)





[illegible]









• RF UNIT

