

PENNTEK TR-45 LITE
4-BAND 5-WATT CW TRANSCEIVER

18.068.000 17M
RX: CWN USB VFO:A

HIGH VSAR

RF POWER

REV

TX POWER

DIAL LOCK

BATT CHECK
SPOT

REC PLAY

KEYER
SPEED

KEY

PADDLES

RF GAIN

NOTCH

TUNE
PUSH SPEED

RIT

RX MODE

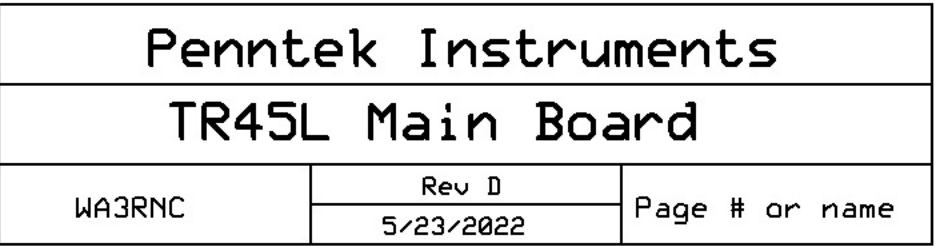
BAND SEL

VFO A/B

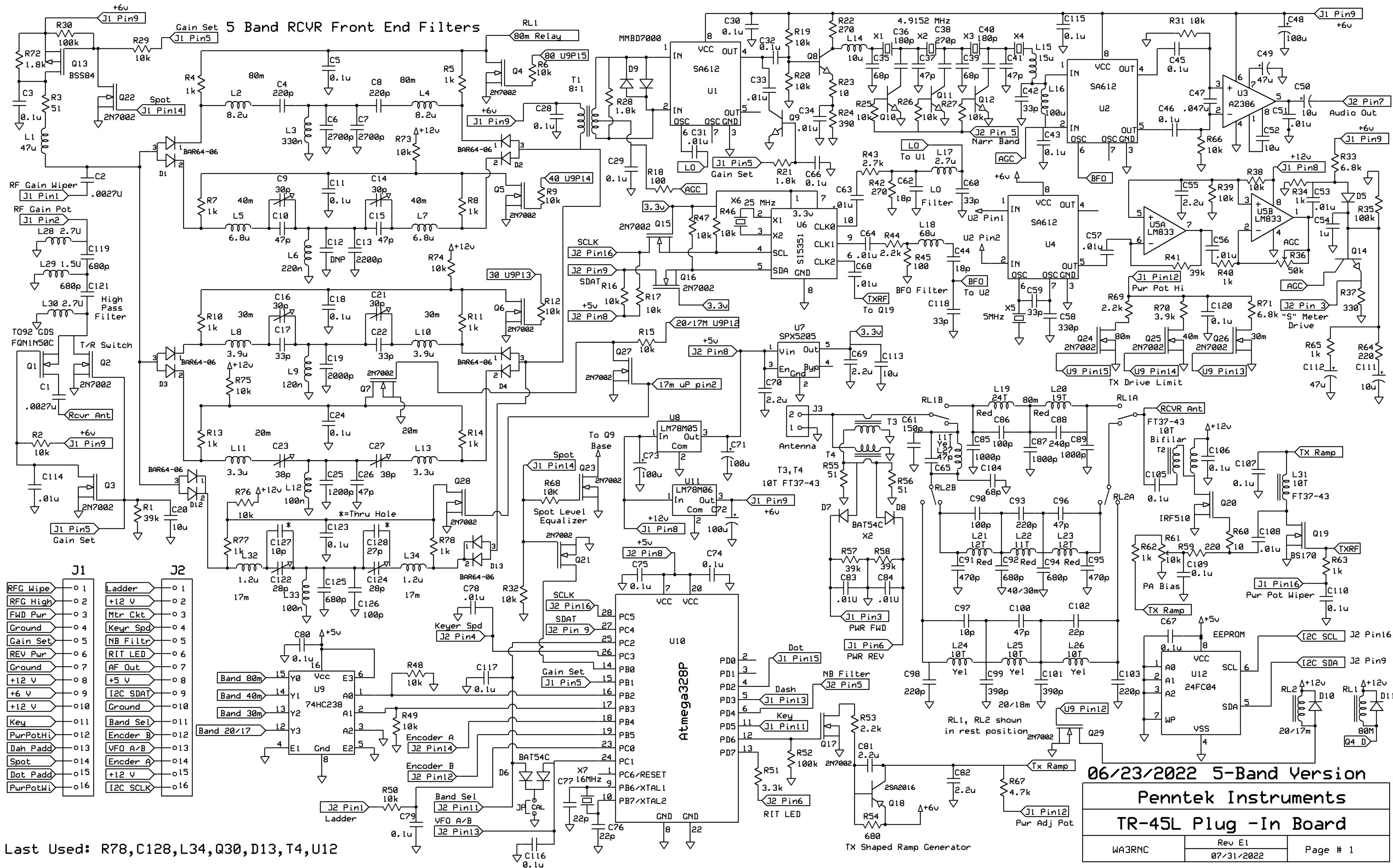
POWER

OFF

ONES



5 Band RCVR Front End Filters



- J1**

 - RFG Wipe
 - RFG High
 - FWD Pwr
 - Ground
 - Gain Set
 - REV Pwr
 - Ground
 - +12 V
 - +6 V
 - +12 V
 - Key
 - PwrPotHi
 - Dah Padd
 - Spot
 - Dot Padd
 - PwrPotWi
- J2**

 - Ladder
 - +12 V
 - Mtr Ckt
 - Keyr Spd
 - NB Filtr
 - RIT LED
 - AF Out
 - +5 V
 - I2C SDAT
 - Ground
 - Band Sel
 - Encder B
 - VFO A/B
 - Encder A
 - +12 V
 - I2C SCLK

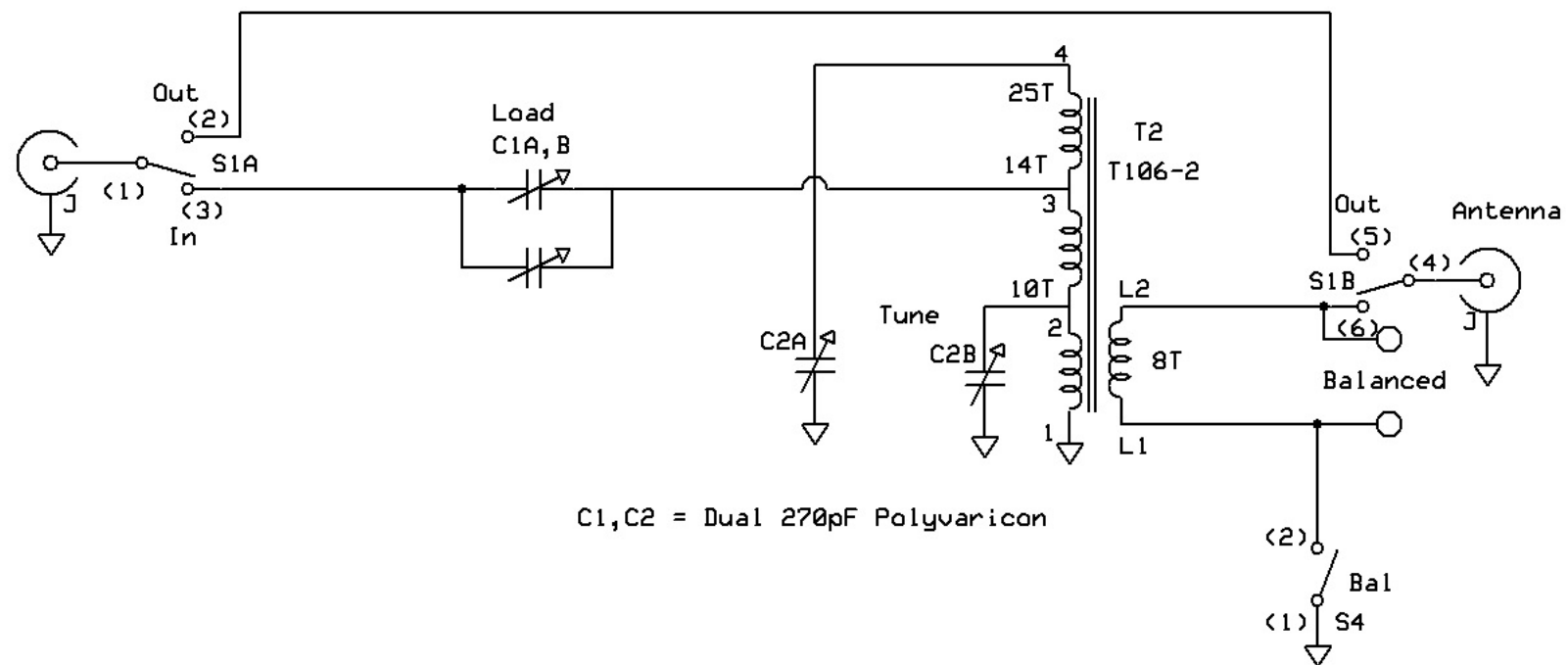
Last Used: R78,C128,L34,Q30,D13,T4,U12

06/23/2022 5-Band Version

Penntek Instruments

TR-45L Plug -In Board

WA3RNC	Rev E1	Page # 1
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Penntek Instruments TR-45L Z-Match Tuner

WA3RNC

Rev A2
8/18/2022

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