



VOLTS P-P	PWR OUT WATTS
20	1
35	3
45	5 ← 12V SUPPLY
56	8

- NOTES**
- UNLESS OTHERWISE NOTED:  
ALL RESISTORS 1/4 W, 5%.  
ALL CAPACITORS IN PF, EXCEPT THOSE WITH LEADING ZERO AND DECIMAL POINT IN UF.  
ALL DIODES TYPE IN914.  
ALL CRYSTALS 6.9536 MHz, DIGIKEY #X013.
  - COIL/ TRANSFORMER DATA:  
LA - 14T # 24, T50-6, 14UH.  
LB - 19T # 24, T50-6, 1.5UH.  
LC - 10T # 24, FT50-43.  
LD - 8T # 26, FB-73-201.  
TA - 11T # 26, BIFILAR, FT37-61.  
TB - 11T # 26, BIFILAR, FT50-61.
  - RESISTOR BETWEEN PINS 11 AND 12 OF CURTIS 8044 ADJUSTS SIDETONE PITCH.
  - NOMINAL CURRENT DRAIN 80 MA RX, 1.2A TX WITH 12 VOLT SUPPLY.
  - TYPICAL RF VOLTAGES:  
MC1496G PIN 1 - 200 MVRMS.  
MC1496G PIN 8 - 60 MVRMS.  
2N3866 BASE - 3.0 V P-P.

4 AUG 14	CHANGED PWR CONN TO POWERPOLES
4 AUG 14	CHANGED PHONES JACK TO STEREO
4 AUG 14	ADDED HISS FILTER
4 AUG 14	ADDED AF OUT TO MANUAL KEY JACK
4 AUG 14	SHIFTED BFO FREQ VENCIES
16 MAY 87	ADDED 470K RES. TO AUTO KEY JACK
1 MAY 85	ORIGINAL DWG

20 METER QRP  
CW TRANSCEIVER