



VOLTS P-P	PWR OUT WATTS
20	1
35	3
45	5 ← 12V VOLT 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 1N914.  
ALL CRYSTALS 6.5536 Mhz, DIGIKEY # X013.
  - COIL / TRANSFORMER DATA:  
LA - 16T # 24, T50-6, 14UH.  
LB - 19T # 24, T50-6, 1.5UH.  
LC - 10T # 24, FT50-43.  
LD - 8T # 26, FB-73-801.  
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.

16 MAY 87 ADDED 470K RES. TO AUTO KEY JACK  
1 MAY 85 ORIGINAL DWG

20 METER QRP  
CW TRANSCEIVER  
DAVID FENTEM — KW4M