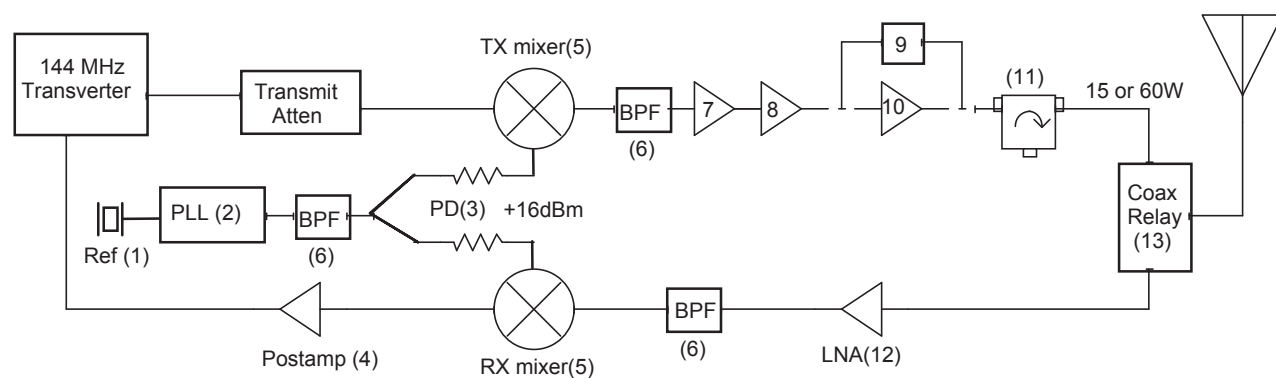
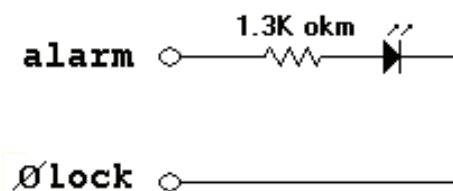


1296 MHz Transverter WA3JUF 1993



- 1 - 95.9750-MHz ICM w/ Ovenaire 75deg C oven
- 2 - Ma/Comm PLL @ 300mW output @ 1151.700-MHz
- 3 - EMCP DM306M 2-way power divider
- 4 - 2N5109 Post Amplifier
- 5 - Merrimac Mixer DMM 6-1500 (+17dBm)
- 6 - KK7B Interdigital UT-141 filter
- 7 - MAV-11 --> Circ--> MPD 2W Class A amp
- 8 - SD1874 CB 25W Linear
- 9 - Transfer switch (15W SSB or 60W CW)
- 10 - Circulator --> 2 x SD1874 CB 60W Amplifier
- 11 - 0.1dB I.L. Circulator and 25W load
- 12 - MGF1402 --> MSA-06 dual stage LNA
- 13 - Transco-Y

PLL Lock Indicator WA3JUF 1990



Three LED states:

1. Off - locked
2. Partially lit -
about to unlock
3. Lit - unlocked