

## Parts List for PT5-VHF Transmitter

Date: Wednesday, June 29, 2005

| Designator                   | Description                          |
|------------------------------|--------------------------------------|
| CON1                         | Connector DB9 right angle            |
| CV1, CV2, CV3                | Variable Capacitor                   |
| D1                           | RF detector Diode                    |
| D10, D11, D12, D13, D14, D15 | Diode                                |
| D16                          | Diode                                |
| D17                          | Diode                                |
| D5, D6, D7, D8, D9           | Diode                                |
| LED1                         | dual color LED through hole 3 or 5mm |
| Q1                           | Transistor                           |
| Q10                          | RF power transistor                  |
| Q11                          | RF Transistor                        |
| Q2                           | Transistor                           |
| Q3, Q4, Q5, Q6, Q7           | Transistor                           |
| Q8                           | FET                                  |
| U1                           | CPU                                  |
| U10                          | voltage regulator                    |
| U11                          | 4 way switch                         |
| U12                          | Hex Inverter                         |
| U2, U3, U4                   | Op-Amp                               |
| U5                           | M62363                               |
| U6, U7                       | RF low level amp                     |
| U8                           | Single Fractional N Synth            |
| U9                           | Op-Amp                               |
| VL1                          | Variable Inductor                    |
| XTAL1                        | Low profile HC49 Micro Crystal       |
| XTAL2                        | TCXO 12.8MHz 1.5ppm                  |