Redhawk Endeavor

CDT Nicholas Treiberg

12 FEB 2016

Bill of Materials for PCB Layouts:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Quantity | Description | Vendor Part No. | Manufacturer | Manufacturer Part No. | Price | Vendor |
| 20 | Capacitor, 10µF  Case 1206 | 587-2399-1-ND | Taiyo Yuden | TMK316B7106KL-TD | $0.34 | Digikey |
| 8 | Capacitor, 100pF  Case 1206 | 478-2951-1-ND | AVX Corporation | 1206AC101KAT1A | $0.48 | Digikey |
| 40 | Capacitor, 100pF Case 0402 | 478-1089-1-ND | AVX Corporation | 04025C101KAT2A | $0.24 | Digikey |
| 4 | Capacitor, 100pF Case 0402 | 1276-1481-1-ND | Samsung Electro-Mechanics America, Inc. | CL05A475KQ5NRNC | $0.40 | Digikey |
| 8 | Connection Header | 455-1737-ND | JST Sales America Inc. | B5B-PH-SM4-TB(LF) (SN) | $0.86 | Digikey |
| 16 | MCX Connector | ACX1495-1-ND | Amphenol-RF Division | 252151 | $6.12 | Digikey |
| 4 | RF Switch | 1465-1371-1-ND | M/A-Com Technology Solutions | MASW-010351-TR3000 | $9.03 | Digikey |
| 4 | SMA Connector | J502-ND | Cinch Connectivity Solutions Inc. | 142-0701-801 | $5.09 | Digikey |
| 8 | Digital TV DVB-T Antenna (MCX) | N/A | N/A | N/A | $2.56 | DX.com (link below) |

http://www.dx.com/p/digital-tv-dvb-t-antenna-smamcx-5273?tc=USD&gclid=CjwKEAiAova1BRDS15OXjcug\_FMSJACWNAKZ-vX8APYDMjwWrv\_5RAg\_7Z4nojEYZm0Fw5X0aTyE-xoCMvDw\_wcB#.Vr4gMUVOmAg