

| Item | Qty | Ref. Designator | Part Discription | Footprint | MFR | MFR P/N |
|------|-----|-----------------|--|-------------|-----------------|--------------------|
| 1 | 2 | C1,C2 | TBD | | | |
| 2 | 2 | C4,C3 | CAP 0603 SMD 0.1uF 16V 10% | 0603 | Murata | GRM188B11C104KA01D |
| 3 | 2 | C5,C6 | CAP CASE-B Tantalum 10uF 20volts 10% | CASE-B/3528 | Vishay | 293D106X9020B2TE3 |
| 4 | 1 | D1 | LED Standard Red Translucent 650nm 8mcd | T.H. | Everlight | EL-204HT |
| 5 | 3 | J1,J2,J3 | HEADER 6X1 | T.H. | | |
| 6 | 3 | J1A,J2A,J3A | RJ11 Jack | | | |
| 7 | 2 | J2A,J3A | HEADER 2X2 0.1" STRAIGHT | T.H. | | |
| 8 | 4 | J6,J7,J8 | HEADER 3X2 0.1" STRAIGHT | T.H. | | |
| 9 | 1 | J4,J5 | HEADER 4X2 0.1" STRAIGHT | T.H. | | |
| 10 | 1 | J9 | POWER JACK 2.1MM CENTER POLE | T.H. | CUI Inc | PJ-202A |
| 11 | 1 | J10 | HEADER 14X2 0.1" STRAIGHT | T.H. | | |
| 12 | 1 | R1 | TBD | | | |
| 13 | 2 | R2,R3 | Resistors 0603 1K OHM 1/16W | 0603 | Xicon | 301-1.0K-RC |
| 14 | 1 | SW1 | Tactile Switches 3.5x6mm 320gf SALMON | T.H. | Mountain Switch | 101-TS4311T3202-EV |
| 15 | 1 | U1 | PIC | | | |
| 16 | 1 | U2 | Linear Regulators- Low Drop Out 5.0V 1A Positive | SOT-223 | ON Semi | NCP1117ST50T3G |
| 17 | 1 | Y1 | CRYSTAL | | | |

Not included in the package (determined and installed by user)
 Included in the package and installed by user