

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|---|----------|-----------------------|-----------------|-----------|-----------|--------------|--------------------------|----------------------|-----------|
| Cout1, Cout2, Cout3, Cout4 C41, C42, C49, Cbat, Cbatp, | 8 | Ceramic Capacitor SMD | 10NF, 50V, X7R | 10% | 0603 | AVX | 08051C103KAZ2A | Yes | Yes |
| Cd1, Cd2a, Cd31, Cd32, Cd4a, Cd4b, Cd4f, Cd4g, Cpot1, Cpot2, Cvcc | 16 | Ceramic Capacitor SMD | 100NF, 50V, X7R | 10% | 0603 | KEMET | C0603C104K5RAC | Yes | Yes |
| Cp | 1 | Ceramic Capacitor SMD | 1.0Ur SMD | 0.1% | 0603 | AVX | 08051C103KAZ2A | Yes | Yes |

| | | | | | | | | | |
|---|---|-----------------|---------------------------------------|---|---------------|------------------|-------------------|-----|-----|
| HB_OUT1, HB_OUT2, HB_OUT3, HB_OUT4, SC_Vbat, SC_GND | 6 | Power connector | BUSHING M4, 2ROW, 8PIN | - | WURTH_7460307 | WURTH ELEKTRONIK | 7460307 | Yes | Yes |
| IO | 1 | SIL Header | 16 pins, 2.54mm pitch, right angle | - | X16APH ANGLE | SAMTEC | TSW-116-08-F-S-RA | Yes | Yes |

| | | | | | | | | | |
|------|---|------------------|---------------------------------------|---|-------------------|-------------------|------------|-----|-----|
| JTAG | 1 | DIL Header | 10 pins, 1.27mm pitch | - | SHF-105-01-L-D-TH | SHF-105-01-L-D-TH | SAMTEC | Yes | Yes |
| USB | 1 | Micro USB Type B | Surface Mount Right Angle; Receptacle | - | Micro_USB_SMD | MOLEX | 47346-0001 | Yes | Yes |

TP_BATP, TP_CHP, TP_CPSW,
TP_GH1, TP_GH2, TP_GH3,
TP_GH4, TP_GL1, TP_GL2,
TP_GL3, TP_GL4, TP_OUT1,