





















| Description | Designator | Footprint | LibRef | Quantity | Supplier 1 | Supplier Link |
|--|--|----------------------------|--|----------|------------------------|---|
| CAP CER 1UF 25V X7R 0603 | C201 | TDK-CGA3E | PC-TDK-02603 | 1 | | |
| CAP CER 0.1UF 50V X7R 0402 | C202, C204 | TDK-CGA2B | PC-TDK-02259 | 2 | | |
| CAP CER 10UF 25V X7R 1206 | C203 | TDK-CGA5L | PC-TDK-02917 | 1 | | |
| CAP CER 0.1UF 35V X7R 0402, CAP CER 0.1UF 50V X7R 0402, CAP CER 100PF 50V COG 0402 | C301, C401_PD1, C401_PD2, C401_PD3, C402_PD1, C402_PD2, C402_PD3, C501_T1, C501_T2, C501_T3 | TDK-CGA2B | PC-TDK-02255, PC- TDK-02259, PC-TDK- 01227 | 10 | Digi-key, [NoParam] | http://www.digikey.ca/product- search/en?keywords=445-6901-1-ND, [NoParam] |
| GW | D401_PD1, D401_PD2, D401_PD3 | PDB-C160SM | PXX-ADP-00000 | 3 | | |
| SCHOTTKY BARRIER RECTIFIERS 4.0 AMPERES, 10 VOLTS, V_F = 0.31V | D601, D602, D603 | ONS-875 | PXX-ONS-00003 | 3 | | |
| CMOS Amplifier 2 Circuit Rail-to-Rail 8- WSON (2x2) | OP301 | TI-DSG0008A | 73 | 1 | Digi-Key | #https://www.digikey.ca/product-detail/en/texas- instruments/OPA2333PIDSGR/296-51501-1- ND/9745865# |
| Depolyable Hinge Mounting hole. | P701, P702 | DepHinge_Mounting_ Hole | PXX-ABS-00003 | 2 | N/A | |
| Hardware for depressing the switch | P703, P704 | Switch_Depressor | PXX-ABS-00005 | 2 | Digi-key | |
| CONN HEADER SMD R/A 10POS 1.5MM | P801 | MOLX-5040501091 | 69 | 1 | Digi-Key | #https://www.digikey.ca/product- detail/en/molex/5040501091/WM10138CT- ND/4357655# |
| | PV601, PV602, PV603, PV604, PV605, PV606 | XTJ Prime | PBT-SPEC-00002 | 6 | | |
| RES SMD 6.2K OHM 0.1% 1/16W 0402, RES SMD 24K OHM 0.1% 1/16W 0402 | R301, R306, R401_PD1, R401_PD2, R401_PD3 | PANA-ERA2A | 16853, 17830 | 5 | Digi-Key, [NoParam] | http://www.digikey.ca/product- search/en?keywords=P6.2KCNCT-ND, [NoParam] |
| RES SMD 1M OHM 0.1% 1/8W 0805, RES SMD 845K OHM 0.1% 1/8W 0805 | R302, R304, R305, R307 | PANA-ERA6A | 19706, 19643 | 4 | Digi-Key | http://www.digikey.ca/product- search/en?keywords=P1MDACT-ND, http://www.digikey.ca/product- search/en?keywords=P845KDACT-ND |
| RES SMD 0.01 OHM 0.1% 1W 2512 | R303 | VSH-2512R4C | PR-VSH-00237 | 1 | Digi-key | http://www.digikey.ca/product- search/en?keywords=Y148701-ND |
| PC TEST POINT MINI SMD | TP101, TP102, TP103, TP104, TP105, TP106, TP107, TP108 | KS-5017 | PTP-KS-00001 | 8 | Digi-key | http://www.digikey.ca/product-detail/en/keystone- electronics/5017/36-5017TR-ND/2217304 |
| | U201 | ADI-CP-20-8 | PU-ADI-00007 | 1 | | |
| Temperature Sensor Analog, Local - 55°C ~ 150°C 5.194mV/°C 4-DSBGA (0.81x0.81) | U501_T1, U501_T2, U501_T3 | TI-YFQ0004 | 70 | 3 | | |



