

| Comment             | Description   | MFG                 | PartNo               | Quantity |
|---------------------|---|---------------------|----------------------|----------|
| Cap_10nF            | Capacitor   | Kemet               | C0805C103K5RACTU     | 2        |
| Cap_1uF             | Capacitor   | TDK                 | C2012Y5V1H105Z       | 11       |
| Cap_10uF            | Capacitor   | TDK                 | C3216X5R1C106M       | 3        |
| Cap_33uF            | Capacitor   | Panasonic           | EEE-FC1H470P         | 1        |
| Cap_100nF           | Capacitor   | GRM                 | GRM21BR71E104KA01L   | 19       |
| Cap_18pF            | Capacitor   | AVX                 | 08051A180JAT2A       | 2        |
| Cap_220pF           | CAP CER 220PF 100V 5% NP0 0805  | GRM                 | GRM2165C2A221JA01D   | 3        |
| Cap_22nF            | Capacitor   | Kemet               | C0805C223K5RACTU     | 2        |
| Cap_110pF           | CAP CER 110PF 100V 5% NP0 0805  | GRM                 | GRM2165C2A111JA01D   | 3        |
| B160-13-F           | Schottky Rectifier Diode  | Diodes Inc          | B160-13-F            | 3        |
| LY Q976-P1S2-36     | LED CHIPLED 587NM YLW 0603 SMD  | OSRAM Opto Semicor  | LY Q976-P1S2-36      | 2        |
| LG Q971-KN-1        | LED CHIPLED 570NM GREEN 0603 SMD  | OSRAM Opto Semicor  | LG Q971-KN-1         | 2        |
| 2-Pos Terminal Conn | CONN TERM BLOCK T/H 2POS 3.5MM  | Phoenix Contact     | 1984617              | 3        |
| USB-B1HSB6          | CONN USB TYPE B R/A BLACK   | On Shore Technology | USB-B1HSB6           | 1        |
| 4-pos Terminal Conn | TERM BLOCK 4POS SIDE ENT 3.5MM  | TE Connectivity     | 1776275-4            | 6        |
| SRN8040-101M        | SRN8040-101M  | Bourns              | SRN8040-101M         | 1        |
| SRN8040-680M        | SRN8040-680M  | Bourns              | SRN8040-680M         | 1        |
| Header 7X2          | Header, 7-Pin, Dual row   | Sullins             | SBH11-PBPC-D07-ST-BK | 1        |
| Res_0R              | 0-Ohm Jumper  | Yageo               | RC0805JR-070RL       | 10       |
| Res_1K              | Resistor  | Vishay-Dale         | CRCW08051K00FKEA     | 7        |
| Res_787R            | Resistor  | Vishay-Dale         | CRCW0805787RFKEA     | 3        |
| Res_10K7            | Resistor  | Vishay-Dale         | CRCW080510K7FKEA     | 9        |
| Res_10R             | RES 10.0 OHM 1/8W 1% 0805 SMD   | Panasonic - ECG     | ERJ-6ENF10R0V        | 4        |
| Res_4K75            | Resistor  | Vishay-Dale         | CRCW08054K75FKEA     | 14       |
| Res_5K36            | Resistor  | Vishay-Dale         | CRCW08055K36FKEA     | 7        |
| LM22674MR-5.0/NOPB  | 500 mA SIMPLE SWITCHER®, Step-Down Voltage Regulator with Precision Enable              | National Semi       | LM22674MR-5.0/NOPB   | 1        |
| UA78M33CDCY         | Positive-Voltage Regulator  | Texas Instruments   | UA78M33CDCY          | 1        |
| LM22676MR-5.0/NOPB  | LM22676/LM22676Q 3A SIMPLE SWITCHER®, Step-Down Voltage Regulator with Precision Enable | National Semi       | LM22676MR-5.0/NOPB   | 1        |
| FT232RL             | USB to UART interface in SSOP-28 package  | FTDI                | FT232RL              | 1        |
| MAX6328UR31         | 3-Pin, Ultra-Low-Power SC70/SOT uP Reset Circuits                                       | Maxim IC            | MAX6328UR31          | 1        |
| MSP430F2272IDA      | Microcontroller   | Texas Instruments   | MSP430F2272IDA       | 1        |
| SN74AVC4T245PW      | 4-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION AND 3-STATE C   | Texas Instruments   | SN74AVC4T245PW       | 2        |
| SN74LVC8T245PW      | 8-BIT DUAL-SUPPLY BUS TRANSCEIVER WITH CONFIGURABLE VOLTAGE TRANSLATION AND 3-STATE C   | Texas Instruments   | SN74LVC8T245PW       | 1        |
| OPA2350D            | High Speed, Single Supply, Rail to Rail, Operational Amplifier                          | Texas Instruments   | OPA2350D             | 4        |
| ADS7841DBQ          | ADC - 4 chan - 12 bit   | Texas Instruments   | ADS7841DBQ           | 2        |
| AD5160BRJZ50        | 50K 256-Position SPI-Compatible Digital Potentiometer                                   | Analog Devices      | AD5160BRJZ50         | 2        |
| ABLS-16.000MHZ-B4-T | Crystal 16 MHz  | Abracon             | ABLS-16.000MHZ-B4-T  | 1        |