

| Comment                        | Description  | Designator   | Footprint                  | LibRef             | Quantity |
|--------------------------------|--|--------------|----------------------------|--------------------|----------|
| 0.1uF                          | Capacitor; Ceramic; Cap 0.1 uF; Tol 10%; Vol-Rtg 25 VDC; SMT; 0805; X7R; Tape & Reel                     | C1, C2, CBYP | PCB-god88euyegdvhk3bnqo6-1 | 08053C104KAT2A     | 3        |
| 35F                            | Capacitor 35f 20% 3v t/h   | C3, C4       | PCB-b0cv2b5u5i48msg6mdf1-1 | SCCU30E356MRB      | 2        |
| 10uF                           | Multilayer Ceramic Capacitors MLCC - SMD/SMT 10uF 25 Volts X5R 10%                                       | C11          | CAPC2013X130X50LL20T25     | CMP-955674-4       | 1        |
| 4.7uF                          | CAP CER 4.7UF 25V 10% X5R 0805   | CIN, CSTOR   | CAPC2013X140X50NL20T25     | 08053D475KAT2A     | 2        |
| 22uF                           | Multilayer Ceramic Capacitors MLCC Surface Mount 0805 22uF 6.3 Volts X5R 20%                             | COUT         | 0805_A                     | GRM21BR60J226ME39L | 1        |
| 10nF                           | CAP CER 10000PF 100V X7R 0805  | CREF         | CAPC2013X140X50ML20T25     | 08051C103KAT2A     | 1        |
| Harwin M20-7820842             | 08-Way Sil Vert Socket I/Free  | J4, J5       | 1x8P_FEMALE                | M20-7820842        | 2        |
| 22μH                           | Surface Mount Power Inductor, VLF-M Series, 22 H, 20%, Shielded, 0.73 ohm, 580 mA                        | L1           | PCB-do1n5bx5ulfruuwlvtcq-1 | VLF252015MT-220M   | 1        |
| SDR0403-100ML                  | SDR0403 Series Power Inductor, 10 uF +/- 20 %, 0.18 Ohm, -40 to 125 degC, 2-Pin SMD, RoHS, Tape and Reel | L2           | BOUR-SDR0403-2_V           | SDR0403-100ML      | 1        |
| 5.1M                           | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROK1         | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| 4.7M                           | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROK2         | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| 3.3M                           | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROK3         | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| 4.22M                          | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROUT1        | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| 7.5M                           | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROUT2        | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| 4.75M                          | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROV1         | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| 8.45M                          | Thick Film Resistors - SMD 0805 2Mohms 5% Tol  | ROV2         | RESC2013X70X40NL20T20      | ERJ-6GEYJ205V      | 1        |
| TI (Texas Instruments) BQ25570 | Battery Management Lo  | U1           | bq25570_pcb_no-via         | BQ25570RGRT        | 1        |
|                                |  |              |                            |                    |          |

