

Designation	Qty	Description
C1, C2, C4	3	0.047uF 10%, 50V, X7R ceramic capacitor (0603) Murata GRM188R71H473K
C3, C15	2	10pF 5%, 50V, C0G ceramic capacitor (0603) Murata GRM1885C1H100J
C5, C13, C14	3	0.1uF 10%, 16V, X7R ceramic capacitor (0603) Murata GRM188R71C104K
C6	1	10uF 10%, 10V, X7R ceramic capacitor (0805) Murata GRM21BR71A106K
C17, C18	2	18pF 5%, 50V, C0G ceramic capacitor (0603) Murata GRM1885C1H180J
C19	1	1uF 10%, 6.3V, X7R ceramic capacitor (0603) Murata GRM188R70J105K
L1	1	Ferrite Bead (0603) TDK MMZ1608S102A
L3 - L4	2	Ferrite Bead (0603) TDK MPZ1608S101A
J1 - J2	2	2-Position terminal block socket Phoenix Contact 1803277
R1, R4, R6	3	750 ohm 0.1% resistor (0603)
R2, R3	2	1M ohm 0.1%, resistor 125mW (1206) KOA Speer RN732BTDD1004B25
R5	1	0.004 ohm 1%, 2.5W (2512) DALE WSL25124L000FEA
R7, R8, R9, R10, R11, R12, R17, R18, R19, R20	10	10k ohm 5% resistor (0603)
R16	1	0 ohm 5% resistor (0603)
J3	1	2 x 6 right angle male header PMOD compatible Samtec TSW-106-08-S-D-RA
T1	1	1.08:1 transformer Midcom 750110056
U1	1	Multichannel, Isolated, Precision ADC (10 uMAX) Maxim MAX78700+A00
U3	1	Isolated Energy Measurement Processor for Load Monitoring Units (24 TQFN) Maxim MAX78615+LMU/A01
Y1	1	20MHz crystal (HCM49) Citizen HCM49-20.000MABJ-UT
R21	0	Not Installed, resistor (0603)
PCB	1	PC board: Sonoma (MAXREFDES14#) MAX78615 / MAX78700 Isolated EMP
Pack-out	2	2-Position terminal block plug Phoenix Contact 1827127