

## MAXREFDES98# BOM RevA

Designation	Qty	Description
C1	1	0.1uF 10%, 250V, X7R ceramic capacitor (0805)
C2	1	22uF 20%, 63V, Aluminum capacitor (CASE_D8)
C4, C10	2	22uF 10%, 10V, X7R ceramic capacitors (1210)
C5	1	1pF+/-0.25pF, 100V, COG ceramic capacitor (0402)
C6	1	0.018uF 10%, 50V, X7R ceramic capacitor (0603)
C7	1	2.2uF 10%, 100V, X7R ceramic capacitor (1210)
C8	1	2.2uF 10%, 10V, X7R ceramic capacitor (0603)
C9	1	0.1uF 10%,16V, X7R ceramic capacitor (0603)
D1	1	58V, 40A, TVS diode (SMA) DIODES INCORPORATED SMAJ58A-13-F
J1, J2	2	6 PIN Male connectors, 2.54mm pitch SAMTEC TSW-106-25-T-S-RA
L1	1	3.3uH 20%, 2.6A inductor COOPER-BUSSMANN SD53-3R3-3
L2	1	15uH 20%,power inductor TDK SLF12575T-150M4R7-PF or HanRun HR320102-150
R1	1	619 ohm 1% resistor (0603)
R2	1	24.9K ohm 1% resistor (0603)
R3	1	3.3M ohm 1% resistor (0603)
R4	1	154K ohm 1% resistor (0603)
R5	1	34K ohm 1% resistor (0603)
R6	1	68K ohm 1% resistor (0402)
U1, U2	2	100V, 1A Schottky rectifiers (MBF) PACELEADER KMB110F
U3	1	PD controller (TDFN10-EP) Maxim MAX5969AETB+
U4	1	DC-DC converter (TQFN20-EP) Maxim MAX17503ATP+
PCB	1	PC board: MAXREFDES98# PCB