

Comment	Description	Designator	Footprint	LibRef	Quantity	Supplier 1	Supplier Part Number 1
2pos-TH-5.0mm	2pos-TH-5.0mm Screw Terminal	P1, P2	Weco 2	2pos-TH-5.0mm	2	Digi-Key	N/A277-1667-ND
AONS66920	N-Channel 100 V 17.5A (Ta), 48A (Tc) 5W (Ta), 56.5W (Tc) Surface Mount 8-DFN (5x6)	Q1, Q2	DFN-8-5x6-Power	AONS66920	2	Digi-Key	785-1843-1-ND
BMRA000606304R7 MA1	4.7 $\mu$ H Shielded Molded Inductor 5.5 A 40mOhm Max Nonstandard	L1	Inductor_4.7uH-5.5A	BMRA000606304R7 MA1	1	Digi-Key	553-BMRA000606304R7MA1CT-ND
CAP ALUM 100UF 20% 25V SMD	CAP ALUM 100UF 20% 50V SMD	C14, C15, C16	CAP_J-V_8X10P5_RUB	Capacitor-100uF-50V-SMD	3	Digi-Key	1189-1651-1-ND
Capacitor-0603-0.1uF-50V-X7R	Capacitor-0603-0.1uF-50V-X7R	C1, C5, C9, C10, C11	CAPACITOR-0603	Capacitor-0603-0.1uF-50V-X7R	5	Digi-Key	1276-1935-2-ND
Capacitor-1206-10uF-50V-X5R	Capacitor-1206-10uF-50V-X5R	C2, C3, C4, C6, C7, C8, C12	CAPACITOR-1206	Capacitor-1206-10uF-50V-X5R	7	Digi-Key	1276-2876-1-ND
MIC2104YML-TR	Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-MLF® (3x3)	U1	VQFN-16 3x3	MIC2104YML-TR	1	Digi-Key	576-4157-1-ND
MSS1P3L-M3/89A	Diode 30 V 1A Surface Mount MicroSMP (DO-219AD)	DZ1	DO-219AD	MSS1P3L-M3/89A	1	Digi-Key	MSS1P3L-M3/89AGICT-ND
SMT resistor	Resistor0603-10k	R1, R2, R3, R4, R5, R6, R7, R8	Resistor-0603	Resistor-0603-10k	8	Digi-Key	311-10.0KHRTR-ND