

Comment	Description	Designator	Footprint	LibRef	Quantity
Printed Circuit Board	Printed Circuit Board	!PCB		PCB	1
5016	Test Point, Compact, SMT	ALERT, CMPREF, CVOLT, RESET, VOUT, VS+	Testpoint_Keystone_Compact	5016	6
885012206052	CAP, CERM, 1 µF, 16 V, +/- 10%, X7R, 0603	C1, C3	0603	885012206052	2
0603ZC104KAT2A	CAP, CERM, 0.1 µF, 10 V, +/- 10%, X7R, 0603	C2, C6, C7, C8, C9	0603	0603ZC104KAT2A	5
0805YD106MAT2A	CAP, CERM, 10 µF, 16 V, +/- 20%, X5R, 0805	C4	0805_HV	0805YD106MAT2A	1
APT2012LSECK/J3-PRV	LED, Red, SMD	D1	APT2012_Red	APT2012LSECK/J3-PRV	1
1N5711W-7-F	Diode, Schottky, 70 V, 0.015 A, SOD-123	D2, D3	SOD-123	CMP-0028358-1	2
APT2012LZGCK	LED, Green, SMD	D4	APT2012_Green	CMP-0002953-2	1
GND	Test Point, Compact, SMT	GND1, GND2	Testpoint_Keystone_Compact	5016	2
VCM	Terminal 50A Lug	J1	CB35-36-CY	CB35-36-CY	1
LOAD	Terminal 50A Lug	J2	CB35-36-CY	CB35-36-CY	1
GND	Terminal 50A Lug	J3	CB35-36-CY	CB35-36-CY	1
AOD4189	MOSFET, P-CH, -40 V, -40 A, DPAK	Q1	DPAK	CMP-0074759-1	1
BSS84-7-F	MOSFET, P-CH, -50 V, -0.13 A, SOT-23	Q2	SOT-23	CMP-0000011-2	1
2N7002P,215	MOSFET, N-CH, 60 V, 0.36 A, SOT-23	Q3	SOT-23	CMP-0000775-1	1
CSNL2512FT2L00	RES, 0.002, 1%, 2 W, 2512	R1	2512	CSNL2512FT2L00	1
RC0603JR-0710KL	RES, 10 k, 5%, 0.1 W, 0603	R2, R3, R4, R5, R8, R9, R15	0603	RC0603JR-0710KL	7
RC0603JR-070RL	RES, 0, 5%, 0.1 W, 0603	R6, R10, R11, R12, R13, R14	0603	RC0603JR-070RL	6
CRCW0603200KJNEA	RES, 200 k, 5%, 0.1 W, 0603	R7	0603	CRCW0603200KJNEA	1
RC0603FR-07100KL	RES, 100 k, 1%, 0.1 W, 0603	R16	0603	RC0603FR-07100KL	1
RC0402JR-070RL	RES, 0, 5%, 0.063 W, 0402	R17	0402	RC0402JR-070RL	1
NYPMS 440 0025 PH	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	S1, S2, S3, S4	NYPMS 440 0025 PH	CMP-0003617-1	4
TP105-01-09	Test Point, Miniature, White, TH	TP0, TP1	CC_TP105-01-09	CMP-0075052-1	2
INA381A1DSG	26-V, Low Cost, Zero-Drift, Voltage-Output, Current-Shunt Monitor With Integrated Comparator, DSG0008A (WSON-8)	U1	DSG0008A	INA381A1DSG	1
LM555CMM	Timer, 8-pin Mini SOIC	U2	MUA08A_N	LM555CMM	1
SN74LVC2G14DCKR	Dual Schmitt-Trigger Inverter, DCK0006A, LARGE T&R	U3	DCK0006A_N	CMP-0051872-2	1
SN74AHC1G09DCKR	Single 2-Input Positive-AND Gate with Open Drain Output, DCK0005A, LARGE T&R	U4	DCK0005A_N	SN74AHC1G09DCKR	1