

Quantity	Designator	Value	Description	PackageReference	PartNumber	Manufacturer
2	C1, C2	10uF	CAP ALUM 10UF 450V 20% RADIAL	10x20	450BXC10MEFCT810X20	Rubycon
1	C3	330uF	CAP ALUM 330UF 35V 20% RADIAL	10x20	UPJ1V331MPD1TD	Nichicon
1	C4	4.7uF	CAP, CERM, 4.7uF, 10V, +/-10%, X5R, 1206	1206	GRM31CR61A475KA01L	MuRata
1	C5	2200pF	CAP, CERM, 2200pF, 250V, +/-20%, KY, Radial D8x5mm	Radial D8x5mm	DE2E3KY222MA2BM01	MuRata
3	C6, C7, R10	DNP	Do Not Populate	0402	N/A	N/A
1	C8	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805	GRM21BR71H105KA12L	MuRata
1	D1	600V	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP	RH06-T	Diodes Inc.
1	D2	120V	Diode, TVS, Uni, 120V, 400W, SMA	SMA	SMAJ120A	Littelfuse
1	D3	1.05V	Diode, Ultrafast, 600V, 1A, SMA	SMA	MURA160T3G	ON Semiconductor
1	D4	0.35V	DIODE SCHOTTKY 200V 4A DO214AB	SMC	SK4200L-TP	Micro Commercial Co
1	D5	BAS21	Diode, P-N, 200V, 200A, SOT-23	SOT-23	BAS21-TP	Micro Commercial Co
1	D100	25V	Diode, Zener, 25V, 500mW, SOD-123	SOD-123	MMSZ5253C-V	Vishay
1	F1	0.5A	Fuse, 0.5A, 250V, TH	8.35x7.7x4mm	RST 500	Bel Fuse
1	L1	100uH	Inductor, Drum Core, Ferrite, 100uH, 0.32A, 3.5 ohm, SMD	ME3220	ME3220-104KLB	Coilcraft
1	Q1	FQD3N60TM	MOSFET N-CH 800V 1.8A DPAK	DPAK	FQD3N60	Fairchild Semiconductor
3	R1, R2, R3	2.67MEG, 100, 2.67MEG	RES, 1%, 0.25W, 1206	1206	STD	STD
2	R4, R5	DNP	Do Not Populate	0402	DNP	DNP
1	R6	97.6k	RES, 97.6k ohm, 1%, 0.1W, 0603	0603	CRCW060397K6FKEA	Vishay-Dale
1	R7	261	RES, 261 ohm, 1%, 0.1W, 0603	0603	CRCW0603261RFKEA	Vishay-Dale
1	R8	26.1k	RES, 26.1k ohm, 1%, 0.1W, 0603	0603	CRCW060326K1FKEA	Vishay-Dale
1	R9	1	RES, 1%, 0.125W, 0805	0805	STD	STD
1	T1	RM8: Lp=1.2mH	Transformer, 1.2mH, TH	23.2x11.4x16.5mm	RM8 Custom	EPCOS
2	TP1, TP2	White	Test Point, Multipurpose, White, TH	White Multipurpose Testpoint	5012	Keystone
1	TP3	Red	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint	5010	Keystone
1	TP4	Black	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint	5011	Keystone
1	U1	UCC28700DBV	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A	UCC28700DBV	Texas Instruments

DNP= "Do Not Populate"

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