

Quantity	Designator	Value	Description	Package	PartNumber	Manufacturer
5	C1, C7, C10, C14, C19	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	GCM188R71H104KA57B	MuRata
5	C2, C3, C8, C11, C12	22uF	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210	GRM32ER71E226KE15L	MuRata
3	C4, C5, C6	2.2uF	CAP, CERM, 2.2uF, 100V, +/-10%, X7R, 1210	1210	GRM32ER72A225KA35L	MuRata
3	C9, C16, C17	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0805	0805	GRM219R71E105KA88D	MuRata
1	C13	0.022uF	CAP, CERM, 0.022uF, 16V, +/-10%, X7R, 0402	0402	GRM155R71C223KA01D	MuRata
1	C15	0.01uF	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0402	0402	GRM155R71H103KA88D	MuRata
1	C18	0.1uF	CAP, CERM, 0.1uF, 16V, +/-10%, X7R, 0402	0402	GRM155R71C104KA88D	MuRata
1	C20	270pF	CAP, CERM, 270pF, 50V, +/-10%, X7R, 0402	0402	GRM155R71H271KA01D	MuRata
1	C21	330pF	CAP, CERM, 330pF, 50V, +/-10%, X7R, 0402	0402	GRM155R71H331KA01D	MuRata
3	D1, D3, D4	1.25V	Diode, P-N, 200V, 200A, SOT-23	SOT-23	BAS21-TP	Diodes Inc.
2	D2, D5	0.88V	Diode, Ultrafast, 200V, 1A, SMA	SMA	ES1D	Diodes Inc.
1	F1		Fuse, Resettable, 0.13A, 250V, SMD	7.4x3.4x9.4 mm	MF-SM013/250-2	Bourns
3	J1, J2, J3		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	On-Shore Technology
2	L1, L2	80 ohm	3A Ferrite Bead, 80 ohm @ 100MHz, SMD	1206	HI1206N800R-10	Steward
1	Q1	150V	MOSFET, N-CH, 150V, 2.7A, SOIC-8	SOIC-8	SI4848DY-T1-E3	Vishay-Siliconix
1	Q2	0.2V	Transistor, NPN, 40V, 0.2A, SOT-23	SOT-23	MMBT3904	Fairchild
6	R1, R2, R4, R6, R8, R9	100	RES, 100 ohm, 1%, 0.25W, 1206	1206	CRCW1206100RFKEA	Vishay-Dale
1	R3	3.9	RES, 3.9 ohm, 5%, 0.25W, 1206	1206	CRCW12063R90JNEA	Vishay-Dale
1	R5	150k	RES, 150k ohm, 1%, 0.25W, 1206	1206	CRCW1206150KFKEA	Vishay-Dale
1	R7	100	RES, 100 ohm, 1%, 0.063W, 0402	0402	CRCW0402100RFKED	Vishay-Dale
1	R10	47	RES, 47 ohm, 5%, 0.063W, 0402	0402	CRCW040247R0JNED	Vishay-Dale
3	R11, R12, R13	1.00k	RES, 1.00k ohm, 1%, 0.063W, 0402	0402	CRCW04021K00FKED	Vishay-Dale
2	R14, R20	5.1k	RES, 5.1k ohm, 5%, 0.063W, 0402	0402	CRCW04025K10JNED	Vishay-Dale
3	R15, R17, R22	750, open, 750	RES, 750 ohm, 5%, 0.063W, 0402	0402	CRCW0402750RJNED	Vishay-Dale
2	R16, R25	1.8k	RES, 1.8k ohm, 5%, 0.063W, 0402	0402	CRCW04021K80JNED	Vishay-Dale
1	R18	10.0k	RES, 10.0k ohm, 1%, 0.063W, 0402	0402	CRCW040210K0FKED	Vishay-Dale
1	R19	4.32k	RES, 4.32k ohm, 1%, 0.063W, 0402	0402	CRCW04024K32FKED	Vishay-Dale
1	R21	20.0k	RES, 20.0k ohm, 1%, 0.063W, 0402	0402	CRCW040220K0FKED	Vishay-Dale
1	R23	3.3	RES, 3.3 ohm, 5%, 0.1W, 0603	0603	CRCW06033R30JNEA	Vishay-Dale
1	R24	3.01k	RES, 3.01k ohm, 1%, 0.063W, 0402	0402	CRCW04023K01FKED	Vishay-Dale
1	R26	1.0	RES, 1.0 ohm, 5%, 0.125W, 0805	0805	CRCW08051R00JNEA	Vishay-Dale
1	R100	750	RES, 750 ohm, 1%, 0.063W, 0402	0402	CRCW0402750RFKED	Vishay-Dale
10	T1, T2, T3, T4, T5, T6, T7, T8, T9, T10	SMT	Test Point, SMT, Miniature	Testpoint	5015	Keystone
3	TP1, TP2, TP4	Red	Test Point, TH, Miniature, Red	Testpoint	5000	Keystone
3	TP3, TP5, TP6	Black	Test Point, TH, Miniature, Black	Testpoint	5001	Keystone
1	U1	UCC3809-1	IC, Economy Primary-Side Controller, 10V Startup	DGK8	UCC3809-1	Texas Instruments
1	U2	SFH690AT	IC, Optocoupler	SOP-4	SFH690AT	Vishay
1	U3	TL431AxD	IC, Adj Shunt Regulator, 100-mA, 36-V	SO8	TL431AID	Texas Instruments

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