

Quantity	Designator	Value	Description	PackageReference	PartNumber	Manufacturer
2	C1, C2	1000uF	Capacitor, Aluminum, 16V, 105C, 20%	10x16mm	EKZM160ESS102MJ16S	Nippon ChemiCon
2	C3, C4	47uF	CAP, CERM, 47uF, 10V, +/-10%, X7R, 1210	1210	GRM32ER71A476KE15L	MuRata
2	C5, C6	10uF	CAP, CERM, 10uF, 25V, +/-20%, X7R, 1210	1210	C3225X7R1E106M	TDK
2	C7, C10	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0805	0805	B37941K9105K62	EPCOS Inc
1	C8	0.47uF	CAP, CERM, 0.47uF, 16V, +/-10%, X7R, 0805	0805	0805YC474KAT2A	AVX
1	C9	1000pF	CAP, CERM, 1000pF, 100V, +/-20%, X7R, 0603	0603	06031C102MAT2A	AVX
1	C11	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	C1608C0G1H101J	TDK
1	D1	FYD0504SA	Diode, Schottky, 40V, 5A, DPAK	DPAK	FYD0504SA	Fairchild
1	L1	1uH	Inductor, Shielded Drum Core, Powdered Iron, 1uH, 24A, 0.0033 ohm, SMD	IHLP-5050CE	IHLP5050CEER1R0M01	Vishay-Dale
4	P1, P2, P3, P4	Double	Terminal, Turret, TH, Double		1573-2	Keystone
1	Q1	CSD16342Q5A	MOSFET, N-CH, 25V, 100A, SON 5x6mm	SON 5x6mm	CSD16342Q5A	Texas Instruments
2	R1, R3	1.00	RES, 1.00 ohm, 1%, 0.1W, 0603	0603	CRCW06031R00FKEA	Vishay-Dale
1	R2	69.8k	RES, 69.8k ohm, 1%, 0.1W, 0603	0603	CRCW060369K8FKEA	Vishay-Dale
2	R4, R10	4.75k	RES, 4.75k ohm, 1%, 0.1W, 0603	0603	CRCW06034K75FKEA	Vishay-Dale
1	R5	2.74k	RES, 2.74k ohm, 1%, 0.1W, 0603	0603	CRCW06032K74FKEA	Vishay-Dale
1	R6	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
1	R7	0.001	RES, 0.001 ohm, 1%, 1W, 2512	2512	ERJ-M1WTF1M0U	Panasonic
1	R8	105k	RES, 105k ohm, 1%, 0.1W, 0603	0603	CRCW0603105KFKEA	Vishay-Dale
1	R9	32.4k	RES, 32.4k ohm, 1%, 0.1W, 0603	0603	CRCW060332K4FKEA	Vishay-Dale
1	U1	LM3481QMM	High Efficiency Low-Side N-Channel Controller for Switching Regulators, 10-pin MSOP	MUB10A	LM3481QMM	Texas Instruments

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