

Designator	Comment	Description	Footprint	Manufacturer	Quantity
C1	C1608X5R0J106M	CAP, CERM, 10uF, 6.3V, +/-20%, X5R, 0603	0603	TDK	1
C2	VJ1206Y222KXGAT5Z	CAP, CERM, 2200pF, 1000V, +/-10%, X7R, 1206	1206	Vishay-Vitramon	1
C3	GRM21BR71H474KA88L	CAP, CERM, 0.47uF, 50V, +/-10%, X7R, 0805	0805_HV	MuRata	1
C4	08055C103KAT2A	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0805	0805_HV	AVX	1
C5	GRM31CR61H225KA88L	CAP, CERM, 2.2uF, 50V, +/-10%, X5R, 1206	1206	MuRata	1
C6	GRM2165C2A332JA01D	CAP, CERM, 3300pF, 100V, +/-5%, C0G/NP0, 0805	0805_HV	MuRata	1
C7, C8	0805YD105KAT2A	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0805	0805_HV	AVX	2
C9	C0805C104J5RACTU	CAP, CERM, 0.1uF, 50V, +/-5%, X7R, 0805	0805_HV	Kemet	1
D1	DFLS1100-7	Diode, Schottky, 100V, 1A, PowerDI123	powerDI123	Diodes Inc.	1
Gnd, Gnd in, Gnd Iso, Vin 24V, Vout, Vout Iso 5V @ 0.6A	3125-2	PCB Pin, TH	Mill-Max_3125-2	Mill-Max	6
L1	Coilcraft LPD5030V	Coupled inductor, 33uH, 4.22A, 0.134 ohm, +/-20%, SMD	MSD1260-COUPLED	Coilcraft	1
R1, R9	CRCW08052K05FKEA	RES, 2.05k ohm, 1%, 0.125W, 0805	0805_HV	Vishay-Dale	2
R2	CRCW0805130KFKEA	RES, 130k ohm, 1%, 0.125W, 0805	0805_HV	Vishay-Dale	1
R3, R5	CRCW08050000Z0EA	RES, 0 ohm, 5%, 0.125W, 0805	0805_HV	Vishay-Dale	2
R4	CRCW0805127KFKEA	RES, 127k ohm, 1%, 0.125W, 0805	0805_HV	Vishay-Dale	1
R6	CRCW080546K4FKEA	RES, 46.4k ohm, 1%, 0.125W, 0805	0805_HV	Vishay-Dale	1
R7	CRCW08058K25FKEA	RES, 8.25k ohm, 1%, 0.125W, 0805	0805_HV	Vishay-Dale	1
R8	CRCW08057K32FKEA	RES, 7.32k ohm, 1%, 0.125W, 0805	0805_HV	Vishay-Dale	1
U1	LM5017	150 mA, 100V Step-Down Switching Regulator, 8-pin LLP, Pb-Free	SDC08B	National Semiconductor	1

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