

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C9	0.22uF	Capacitor, Ceramic, 16V, X7R, 15%	0603	std	std
1	C7	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	std	std
1	C11	0.018uF	Capacitor, Ceramic, 25V, X7R, 15%	0603	std	std
2	C8, C10	270pF	Capacitor, Ceramic, 50V, NPO, 15%	0603	std	std
1	C12	47pF	Capacitor, Ceramic, 50V, COG, 15%	0603	std	std
1	C2	0.33uF	Capacitor, Ceramic, 50V, X5R, 15%	0805	Std	TDK
5	C1, C3, C4, C5, C6	2.2uF	Capacitor, Ceramic, 100V, X7R, 15%	1210	C3225X7R2A225MT	TDK
1	D1	30V	Diode, Zener, 30V, 500mW	SOD-123	MMSZ5256BT1	On Semi
1	D2	PDS4150	Diode, Schottky, 4A, 150V	PowerDI 5	PDS4150	Diodes Inc.
1	L1	100uH	XFMR, 100uH, 1:1	0.886"x 1.024"	G095004LF	GCI
1	Q1	Si4472DY	MOSFET, N-ch, 150V, 23nC, 45 milliohm	SO8	Si4472DY	Vishay
1	R1	10	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R3	0	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R100	4.99k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R9	1.47k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R7	100k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R6	10k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R4	1k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R2	205k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R5	0.05	Resistor, Metal Film, 1/4 watt, ± 5%	1206	Std	Std
1	U1	TPS40210	IC, 4.5V-52V, Current Mode Boost Controller	DGQ10	TPS40210DGQ	TI
MISC						
2	J1, J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27"x 0.25"	ED555/2DS	OST
2	TP1, TP3	5010	Test Point, Red, Thru Hole	0.125"x 0.125"	5010	Keystone
3	TP2, TP5, TP8	5011	Test Point, Black, Thru Hole	0.125"x 0.125"	5011	Keystone
1	TP4	5000	Test Point, Red, Thru Hole Color Keyed	0.1" x 0.1"	5000	Keystone
2	TP6, TP7	5002	Test Point, White, Thru Hole Color Keyed	0.1" x 0.1"	5002	Keystone

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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