

Date: 04/09/2012

PMP7338 REVA

COUNT	RefDes	Value	Description	Size	Part Number	MFR
4	C1, C2, C4, C5	4.7uF	Capacitor, Ceramic Chip, 50V, X7R, 10%	1210	Std	Std
1	C10	1uF	Capacitor, Ceramic Chip, 16V, X7R, 10%	0603	Std	Std
1	C11	1uF	Capacitor, Ceramic Chip, 50V, X7R, 10%	0805	Std	Std
1	C12	0.047uF	Capacitor, Ceramic Chip, 25V, X7R, 10%	0402	Std	Std
1	C13	4700pF	Capacitor, Ceramic Chip, 25V, X7R, 10%	0402	Std	Std
1	C14	33pF	Capacitor, Ceramic Chip, 25V, X7R, 10%	0402	Std	Std
1	C3	270pF	Capacitor, Ceramic Chip, 25V, X7R, 10%	0402	Std	Std
10	C6, C7, C8, C9, C100, C101, C102, C103, C104, C105	22uF	Capacitor, Ceramic Chip, 25V, X5R, 20%	1210	Std	Std
1	D1	V10P10	Diode, Schottky, 10A, 100-V	Power DI	V10P10	Vishay
2	J1, J2	ED120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	ED120/2DS	OST
1	L1	4.7uH	Inductor, SMT, 12A, 18milliohm	0.492 x 0.492 inch	DRQ127-4R7-R	Cooper
1	Q1	BSC123N08NS3 G	MOSFET, NChannel, 100V, 60A, 10milliohm	PWRPAK S0-8	BSC123N08NS3 G	Infineon
1	R1	0.02	Resistor, Chip, 1W, 1%	2512	STD	STD
1	R10	2.32K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R2	4.7	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R3	1.00K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R4	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R5	64.9K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R6	27.4K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R7, R9	20.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	TP1, TP3, TP4, TP5	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP2, TP6, TP7	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	LM5022MM	IC, 60V Low Side Controller for Boost and SEPIC	MSOP	LM5022MM	TI

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