

Filename: PMP7305B_BOM_bom.xls						
Date: 01/24/2012						
PMP7305B_BOM BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
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
4	C1-2 C4-5	4.7uF	Capacitor, Ceramic Chip, 50V, X7R, 10%	1210	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
5	C6-9, C100	22uF	Capacitor, Ceramic Chip, 25V, X5R, 20%	1210	Std	Std
1	D1	PDS760	Diode, Schottky, 7A, 60-V	Power DI	PDS760	Diodes
2	J1-2	ED120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	ED120/2DS	OST
1	L1	10uH	Inductor, SMT, 5.35A, 38milliohm	0.492 x 0.492 inch	DRQ125-100-R	Cooper
1	Q1	Si7850DP	MOSFET, NChannel, 60V, 10A, 22milliohm	PWRPAK S0-8	Si7850DP	Vishay
1	R1	0.05	Resistor, xx milliOhm, 1W, yy%	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
1	R7	20.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R9	20.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
5	TP1 TP3-5 TP8	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP2 TP6-7	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
Notes:	1. These assemblies are ESD sensitive, ESD precautions shall be observed.					
	2. These assemblies must be clean and free from flux and all contaminants.					
	Use of no clean flux is not acceptable.					
	3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.					
	4. Ref designators marked with an asterisk (***) cannot be substituted.					
	All other components can be substituted with equivalent MFG's components.					

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