

Date: 12/04/2007						
	PMP3086_REV_A BOM					
COUNT	RefDes	Value	Description	SIZE	Part Number	MFR
2	C1, C9	100p	Capacitor, Ceramic, 50V, NPO, [tol]	0603	std	std
1	C12	1uF	Capacitor, Ceramic, 50V, X7R, [tol]	0805	Std	Std
3	C13, C15, C27	100u	Capacitor, Aluminum Electrolytic, 50V	0.315 inch	50ZL100M8x11.5	Rubycon
1	C2	0.22u	Capacitor, Ceramic, 16V, [temp], [tol]	0603	std	std
1	C3	33p	Capacitor, Ceramic, 50V, NPO, [tol]	0603	std	std
1	C4	0.01 uF	Capacitor, Ceramic, 50V, X7R [tol]	0603	std	std
1	C5	0.1u	Capacitor, Ceramic, 25V, [temp], [tol]	0603	std	std
1	C7	1u	Capacitor, Ceramic, 16V, X7R, 20%	0603	std	std
1	D1	MBRS460	Diode, 4A, 60V	SMC	MBRS460	Onsemi
2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
1	L2	220uH	Inductor, SMT Dual Winding, 1A, zzmilohm	0.492 x 0.492 in	DRQ125-471	Cooper
1	L4	0	Inductor, SMT, yyA, zzmilohm	0.200 x 0.200 in	MSS5131-xxxMX_	Coilcraft
1	Q1	Si7308DN	MOSFET, Fast Switching, NChan, 60V, 6A, 59milohm	PWRPAK 1212	Si7110DN	Vishay
1	R1	249k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R10	1k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R11	0.1	Resistor, Chip, 1W, 1%	2512	WSL-2512-xx 1% R86	STD
1	R14	0	Resistor, Chip, 1W, xx%	2512	WSL-2512-xx 1% R86	STD
1	R2	100k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R3	3.74k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R5	49.9k	Resistor, Chip, 1/16W, 1%	0603	std	std
2	R6, R15	0	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R7	20	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R9	49.9	Resistor, Chip, 1/16W, 1%	0603	std	std
3	TP1, TP8, TP11	5011	Test Point, Black, Thru Hole	0.125 x 0.125 in	5011	Keystone
2	TP2, TP10	5010	Test Point, Red, Thru Hole	0.125 x 0.125 in	5010	Keystone
2	TP4, TP5	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 in	5002	Keystone
1	TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 in	5000	Keystone
1	U1	TPS40210DGS	IC, Low Cost Non-Synchronous Boost Controller	DGS10	TPS40210DGS	TI

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