

Date: 02/16/2011		PMP6596 REVB BOM				
COUNT	RefDes	Value	Description	Size	Part Number	MFR
3	C8, C10, C13	0.1uF	Capacitor, Ceramic, 50V, X7R, 20%	0603	std	std
1	C14	100pF	Capacitor, Ceramic, 50V, COG, 15%	0603	std	std
1	C12	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	std	std
2	C9, C11	270pF	Capacitor, Ceramic, 50V, NPO, 5%	0603	std	std
2	C1, C7	10uF	Capacitor, Ceramic, 25V, X5R, 15%	1210	C3225X5R1E106MT	TDK
1	C5	82uF	Capacitor, OSCON, 25V, 28 milliohm, 20%	8.3mm (E7)	25SVPF82M	Sanyo
1	D2	B230	Diode, Schottky, 2A, 30V	SMB	B230	Diodes Inc.
1	L1	47uH	Inductor, SMT, 1.90A, 95 milliohm	10.5x10.3mm	DR1040-470-R	Cooper
1	Q5	CSD17308Q3	MOSFET, NCh, 30V, 13A, 9.4 milliOhm	QFN3.3x3.3 mm	CSD17308Q3	TI
1	R7	20	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R1	10	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R17	49.9	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R18	1K	Resistor, Chip, 1/16W, 1%	0603	std	std
2	R14, R15	26.1K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R10	1K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R6	249K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R16	0	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R12	0.068	Resistor, 1/4 watt, ± 5%	1206	Std	Std
1	U1	TPS40210	IC, 4.5V-52V, Current Mode Boost Controller	DGQ10	TPS40210DGQ	TI
MISC						
2	J1, J3	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
2	TP1, TP5	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	5010	Keystone
3	TP2, TP6, TP12	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	5011	Keystone
1	TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP8, TP9, TP10	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone

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