

Date: 01/07/2009		PMP4057 REVE BOM				
COUNT	RefDes	Value	Description	Size	Part Number	MFR
2	C1	220pF	Capacitor, Ceramic, 50V, NPO, 5%	0603	std	std
1	C2	0.22uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	std	std
1	C13	3.3uF	Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%	1210	C3225X7R1H335M	TDK
1	C27	4.7uF	Capacitor, Ceramic, 4.7uF, 25V, X7R, 15%	1206	C3216X7R1E475MT	TDK
1	C3	68pF	Capacitor, Ceramic, 50V, NPO, [tol]	0603	std	std
1	C4	1500pF	Capacitor, Ceramic, 50V, X7R [tol]	0603	std	std
1	C5	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	std	std
1	C7	1uF	Capacitor, Ceramic, 1uF, 25V, X5R, 15%	0805	Std	TDK
	C9	220pF	Capacitor, Ceramic, 50V, NPO, 5%	0603	std	std
1	D1	B240	Diode, Schottky, 2A, 40V	SMB	B260	Diodes Inc.
1	D2	36V	Diode, Zener, 30V, 20mA, 225mW	SOT23	MMBZ5258BLT1	On Semi
2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
1	L1	68uH	Inductor, SMT, 2.22A, 101 milliohm	0.485 sq inch	DR125-680-R	Coiltronics
1	Q1	Si7116DN	MOSFET, N-Ch, 40V, 16.4A, 7.8milliohm	PWRPAK 1212	Si7116DN	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, Metal Film, 1/4 watt, ± 5%	1206	Std	Std
1	R14	0.75	Resistor, Metal Film, 1/4 watt, ± 5%	1206	Std	Std
2	R2, R5	10k	Resistor, Chip, 1/16W, 1%	0603	std	std
2	R6, R13	0	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R7	3.3	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 inch	5011	Keystone
2	TP2, TP10	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	5010	Keystone
2	TP4, TP5	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone
1	TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U1	TPS40211DGS	IC, LED Boost Controller	DGS10	TPS40211DGS	TI

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