

Date: 4/8/2011		PMP5165_REVD BOM				
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C10	3300pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C8	220pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C7	1uF	Capacitor, Ceramic, 1uF, 16V, X7R	0603	Std	Std
1	C9	680pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C1	4.7uF	Capacitor, Ceramic, 4.7uF, 6.3V, X5R	0603	C1608X5R0J475KT	TDK
1	C4	47pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
2	C5, C6	22uF	Capacitor, Ceramic, 16V, X7R	1210	C3225X7R1C226MT	STD
1	C3	100uF	Capacitor, Ceramic, 6.3V, X5R	1210	Std	STD
1	C2	220uF	Capacitor, Poscap, 6.3V	B case	6TPB220M	Sanyo
1	L1	3.3 uH	Inductor, 3.3uH, 14A, 15%	7.90 x 8.40 mm	7443340330	Wurth
1	Q1	CSD25401Q3	MOSFET, PChan, -20V, 60A, 8.7 milliOhm	QFN3.3X3.3mm	CSD25401Q3	TI
1	Q2	CSD16409Q3	MOSFET, NChan, 25V, 15A, 9.5 milliOhm	QFN3.3x3.3 mm	CSD16409Q3	TI
1	Q3	MMBT3906	Bipolar, PNP, 40V, 200mA, 225mW	SOT23	MMBT3906LT1	On Semi
1	R12	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R5	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	590	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	10K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R1, R6, R7	1K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R10	2.43K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R2, R4	5.49K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	7.87K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	75K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	U1	TPS43000	IC, Multi-topology, PWM Controller	TSSOP-16	TPS43000PW	TI
1	U2	TLV431A	IC, Shunt Regulator, 1.24-V ref, 6-V, 10-mA, 1%	SOT23-5	TLV431ACDBVR	TI
1	U3	TPS3825-50	IC, Voltage Supervisor, 4.55V Threshold	SOT23-5	TPS3825-50DBVT	TI
MISC						
2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
3	TP1, TP2, TP3	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
2	TP4, TP7	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP5, TP6, TP8	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone
1	C101	DNP	Capacitor, Ceramic, 0.1uF, 16V, X5R	0603	Std	Std
1	C102	DNP	Capacitor, Ceramic, 1500pF, 50V, X7R	0603	Std	Std
1	R101	DNP	Resistor, Chip, 10K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R102	DNP	Resistor, Chip, 536 Ohms, 1/16-W, 1%	0603	Std	Std
1	R103	DNP	Resistor, Chip, 10K-Ohms, 1/16-W, 1%	0603	Std	Std
4	R104, R105, R106, R107	DNP	Resistor, Chip, 4.02K ohm, 0603	0603	Std	Std

1	U101	DNP	IC, Op Amp, Low-power, Rail-to-rail	SOT23-6	TLV2461DBV	TI
2	TP101, TP102	DNP	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone

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