

Date: 11/13/2006					
PMP2187_REVA BOM					
COUNT	RefDes	Description	Size	MFR	Part Number
4	C3, C12, C17, C23	Capacitor, Ceramic, 0.01uF, 16V, X5R, 20%	603	TDK	Std
1	C27	Capacitor, Ceramic, 6800pF, 25V, X5R, 20%	603	TDK	Std
3	C7, C18, C25	Capacitor, Ceramic, 0.1uF, 16V, X5R, 20%	603	TDK	Std
5	C10, C16, C19, C20, C28	Capacitor, Ceramic, 1uF, 16V, X7R	603	Std	Std
1	C29	Capacitor, Ceramic, 2200pF, 16V, X7R, 20%	603	Std	Std
2	C21, C26	Capacitor, Ceramic, 330pF, 50V, NPO	603	Std	Std
2	C14, C24	Capacitor, Ceramic, 33pF, 50V, NPO	603	Std	Std
5	C2, C9, C11, C15, C22	Capacitor, Ceramic, 10uF, 10V, X5R, 15%	805	TDK	C2012X5R1A106MT
2	C1, C4	Capacitor, Ceramic, 22uF, 6.3V, X5R, 15%	805	TDK	C2012X5R0J226MT
1	C6	Capacitor, Ceramic, 22uF, 16V, X7R, 20%	1210	TDK	C3225X7R1C226MT
1	C13	Capacitor, Ceramic, 4700pF, 2KV, X7R, 10%	1812	AVX	
2	C5, C8	Capacitor, POSCAP, 100uF, 6.3V, 45 milliohm, 20%	6032 (C)	Sanyo	6TPB100MC
3	D1, D2, D5	Diode, Schottky, 1A, 30V	SOD-123	Diodes Inc.	B130LAW
2	D3, D7	Diode, Switching, 100-V, 200-mA, 200-mW,	SOD-323	On Semi	MMDL914T1
1	D6	Diode, Zener, 4.7V	SOD123	On Semi	MMSZ5230BT1
1	Q1	MOSFET, N-ch, 30V, 6.7A, 28 milliOhms	TSOP-6	Vishay	Si3424DV
1	Q2	Bipolar, NPN, 40V, 200mA, 200mW	SC-75	On Semi	MMBT3904TT1
1	Q3	Bipolar, PNP, -40V, -200mA, -200mW	SC-75	On Semi	MMBT3906TT1
1	R26	Resistor, Chip, 0.27 Ohms, 0.25W, 5%	1206	Std	Std
1	R1	Resistor, Chip, 100K Ohms, 1/16W, 1%	603	Std	Std
1	R11	Resistor, Chip, 10K Ohms, 1/16W, 1%	603	Std	Std
1	R28	Resistor, Chip, 14.7K Ohms, 1/16W, 1%	603	Std	Std
3	R6, R18, R25	Resistor, Chip, 1K Ohms, 1/16W, 1%	603	Std	Std
1	R8	Resistor, Chip, 0 Ohms	603	Std	Std
1	R9	Resistor, Chip, 200 Ohms, 1/16W, 1%	603	Std	Std
1	R10	Resistor, Chip, 22.6K Ohms, 1/16W, 1%	603	Std	Std
7	R4, R15, R17, R22, R23, R24, R27	Resistor, Chip, 24.9K Ohms, 1/16W, 1%	603	Std	Std
1	R13	Resistor, Chip, 26.7K Ohms, 1/16W, 1%	603	Std	Std
1	R2	Resistor, Chip, 32.4K Ohms, 1/16W, 1%	603	Std	Std
2	R7, R29	Resistor, Chip, 4.02K Ohms, 1/16W, 1%	603	Std	Std
1	R5	Resistor, Chip, 4.99K Ohms, 1/10-W, 5%	805	Std	Std
1	R16	Resistor, Chip, 49.9 Ohms, 1/16W, 1%	603	Std	Std
3	R12, R19, R20	Resistor, Chip, 49.9K Ohms, 1/16W, 1%	603	Std	Std
1	R14	Resistor, Chip, 499 Ohms, 1/16W, 1%	603	Std	Std
1	R3	Resistor, Chip, 78.7K Ohms, 1/16W, 1%	603	Std	Std
1	R21	Resistor, Chip, 80.6K Ohms, 1/16W, 1%	603	Std	Std
1	T1	Xfmr, flyback, 15uH	22.3x17.1mm	Cooper	CTX33-17837-R
1	U1	IC, LDO w/supervisor, Adj., 1A	SOT23-6	Texas Instruments	TPS72501DCQ
2	U2, U4	IC, Cap-Free NMOS, 150mA LDO Regulator	SOT23-5	Texas Instruments	TPS73101DBV
1	U3	IC, Micro-Power 3.3V, 250 mA LDO Regulator	SOT23-5	Texas Instruments	TPS73233DBV
1	U5	IC, Low-Power BiCMOS Current-mode PWM	TSSOP8	Texas Instruments	UCC2813PW-1
1	U6	IC, 200 mA Neg LDO Linear Regulator, Adj	SOT23-5	Texas Instruments	TPS72301DBV
1	U8	IC, Shunt Regulator, 1.24-V ref, 6-V, 10-mA, 1%	SOT23-5	Texas Instruments	TLV431ACDBVR
1	U7	IC, Photocoupler, CTR = 80% - 160%	MF4	Vishay	TCMT1107
MISC					
6	J1, J2, J3, J4, J5, J6	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	OST	ED1514
1	D4	Diode, Zener, open	SOD123		
11	TP1, TP3, TP4, TP6, TP7, TP10, TP11, TP12, TP13, TP15, TP17	Test Point, Red, Thru Hole Color Keyed	0.1"x 0.1"	Keystone	5000
7	TP2, TP5, TP8, TP9, TP14, TP16, TP18	Test Point, Black, Thru Hole Color Keyed	0.1"x 0.1"	Keystone	5001

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