

3/31/2011	PMP6606 REVB BOM					
COUNT	Ref Des	Value	Description	Size	Part Number	MFR
3	C12 C15 C17	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	603	STD	TDK
1	C4	10pF	Capacitor, Ceramic, 50V, C0G, 5%	603	STD	STD
2	C5-6	1uF	Capacitor, Ceramic, 16V, X7R, 15%	603	STD	TDK
2	C3 C13	220pF	Capacitor, Ceramic, 50V, C0G, 5%	603	STD	TDK
1	C2	33pF	Capacitor, Ceramic, 50V, C0G, 5%	603	STD	TDK
1	C18	4.7uF	Capacitor, Ceramic, 16V, X7R, 15%	603	STD	TDK
1	C1	4700pF	Capacitor, Ceramic, 50V, C0G, 5%	603	STD	TDK
1	C19	680pF	Capacitor, Ceramic, 50V, C0G, 5%	603	STD	TDK
4	C7-8 C14 C16	22uF	Capacitor, Ceramic, 16V, X7R, 15%	1210	C3225X7R1C226MT	TDK
2	C10-11	3.3uF	Capacitor, Ceramic, 50V, X7R, 15%	1210	C3225X7R1H335MT	Vishay
1	C20	2200pF	Capacitor, Ceramic, 2KV, X7R, 15%	1812	Std	AVX
1	C9	DNP	Capacitor, Ceramic, 50V, C0G, 5%	603	STD	TDK
1	D5	BAV99	Diode, dual, 70V, 200mA	SOT23	BAV99	Fairchild
1	D4	15V	Diode, Zener, 15V, 350-mW	SOT-23	BZX84C15VLT1	Diodes Inc.
1	D7	5.1V	Diode, Zener, 5.1V, 350-mW	SOT-23	BZX84C5V1LT1	Diodes Inc.
2	D2 D6	6.8V	Diode, Zener, 6.8V, 350-mW	SOT-23	BZX84C6V8LT1	Diodes Inc.
1	D3	MMSD914T1	Diode, Switching, 100-V, 200-mA, 225mW	SOD-123	MMSD914T1	On Semi
1	D1	B1100	Diode, Schottky, 1A, 100V	SMA	B1100	Diodes Inc.
1	U5	TCMT1107	IC, Photocoupler	MF4	TCMT1107	Vishay
1	R7	0.039	Resistor, Chip, 1/16W, 1%	805	Std	Std
2	R5 R16	0	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R9	10	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R24	49.9	Resistor, Chip, 1/16W, 1%	603	STD	STD
2	R3 R23	100	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R21	200	Resistor, Chip, 1/16W, 1%	603	STD	STD
2	R18 R20	100K	Resistor, Chip, 1/16W, 1%	603	STD	STD
2	R10, R26	10K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R4	DNP	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R14	15.4K	Resistor, Chip, 1/16W, 1%	603	STD	STD
4	R1 R13 R19 R22	1K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R15	24.9K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R27	274K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R25	3.01K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R2	3.32K	Resistor, Chip, 1/16W, 1%	603	STD	STD
2	R8 R17	30.1K	Resistor, Chip, 1/16W, 1%	603	STD	STD
2	R11-12	301K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R6	10K	Resistor, Chip, 1/16W, 1%	805	Std	Std
1	U3	TL431BIDBZ	IC, 0.5%, Shunt Regulator	SOT23-3	TL431BIDBZ	TI
1	U1	TPS40210DGQ	IC, 4.5V-52V, Current Mode Controller	DGQ10	TPS40210DGQ	TI
1	Q1	BSC440N10NS3G	MOSFET, Nch, 100V, 18A, 44 milliohm	TDSON-8	BSC440N10NS3G	Infineon

1	Q5	CSD17308Q3	MOSFET, NChan, 30V, 10 milliOhm	QFN3.3x3.3mm	CSD17308Q3	TI
2	Q3-4	MMBTA06WT1	Transistor, NPN, 80V, 500mA	SC-70	MMBTA06WT1	On Semi
1	U4	UCC24610D	IC, SYNC RECTIFIER CONTROLLER	SO-8	UCC24610D	TI
1	T1	13uH	Transformer, Flyback, 2.2A, 10%	13.59x14.22mm	PA3388NL-REVX1	Pulse
MISC						
2	J1-2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27"x 0.25"	ED555/2DS	OST
10	TP1-5 TP8 TP10-12 TP14	5000	Test Point, Red, Thru Hole Color Keyed	0.1" x 0.1"	5000	Keystone
3	TP6-7 TP9	5001	Test Point, Black, Thru Hole Color Keyed	0.1" x 0.1"	5001	Keystone
1	TP13	5002	Test Point, White, Thru Hole Color Keyed	0.1" x 0.1"	5002	Keystone

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