

Filename: PMP3061\_REVA-2\_bom.xls

Date: 11/30/2007

## PMP3061\_REVA-2 BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C10	470uF	Capacitor, POS-Cap, 6.3V, 0.01 Ohms, 20%, 7343	7343	6TPD470M	Sanyo
1	C11	10uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0805	Std	Std
1	C12	0.01uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
1	C13	4.7uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	TDK
1	C14	0.1 uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
3	C3, C4, C5	22uF	Capacitor, Ceramic, 16V, X7R, 15%	1210	Std	TDK
1	C6	2200pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
1	C7	220pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
1	C8	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
1	D1	MBR0530	Diode, Schottky, 0.5-A, 30-V	SOD123	MBR0530T1	On Semi
1	L1	8.2uH	Inductor, SMT, 9A, 19milliOhm	0.51 x 0.51 inch	IHLP5050EZ	Vishay
2	Q2, Q4	RJK0305DPB	MOSFET, N-Ch, 30V, 15A, 0.013 Ohms, LFPAK	LFPAK	RJK0305DPB	Renesas
1	R10	2.15K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R2	2.00K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
2	R3, R8	10.0K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R6	3.3	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R9	4.02K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	U1	TPS40190DRC	IC, Low cost synchronous buck controller	DRC10	TPS40190DRC	TI

## For Test Purposes Only

1	J2	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	ED1514	OST
1	J3	ED1981	Terminal Block, 2-pin, 32-A, 9.5mm	0.75 x 0.49	ED1981	OST
1	R4	49.9	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
4	TP1, TP3, TP4, TP5		Test Point, Red, 1mm	0.038"		240-345
3	TP2, TP6, TP7		Test Point, Black, 1mm	0.038"		240-333