

Filename: PMP3061_REVA-5_bom.xls

Date: 11/30/2007

PMP3061_REVA-5 BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C10	1000pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
2	C11, C12	3.3uF	Capacitor, Ceramic, 50V, X7R, 15%	1210	Std	TDK
2	C13, C14	100u	Capacitor, Aluminum Electrolytic, 50V	0.315 inch	50ZL100M8x11.5	Rubycon
1	C1	330pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	TDK
2	C2, C7	1uF	Capacitor, Ceramic, 16V, X7R, 15%	0603	std	TDK
1	C3	47pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	TDK
1	C4	0.022uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	TDK
1	C5	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	TDK
1	C8	10uF	Capacitor, Ceramic, 25V, X7R, 15%	1210	Std	TDK
1	C9	100pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	TDK
1	D1	B340	Diode, Schottky, 3-A, 40-V	SMC	STD	STD
1	L1	15uH	Inductor, SMT, 5A, 25milliohm	0.492 sq"	DR127-150	Coiltronics
1	Q1	Si7308DN	MOSFET, Fast Switching, NChan, 60V, 6A, 59milliohm	PWRPAK 1212	Si7308DN	Vishay
1	R1	182K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R10	1.00K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	0.1	Resistor, Chip, 1/4W, 1%	1206	Std	STD
1	R12	100	Resistor, Chip, 1/4W, 1%	1206	Std	Std
2	R2, R5	49.9K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	1.43K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	U1	TPS40210DGS	IC, Low Cost Non-Synchronous Boost Controller	DGS10	TPS40210DGS	TI

For Test Purposes Only

2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
1	R9	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	TP1, TP8, TP9, TP11	5001	Test Point, Black, Thru Hole	0.125 x 0.125 inch	5001	Keystone
6	TP2, TP4, TP5, TP6, TP7, TP10	5000	Test Point, Red, Thru Hole	0.125 x 0.125 inch	5000	Keystone