

Filename: PMP3130\_REVA\_bom.xls

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## PMP3130\_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	47uF	Capacitor, POSCAP, 47uF, 10V, 1.4A, 20%, B2 Size	7343(D)	10TSE47MAZB	Sanyo
1	C11	1uF	Capacitor, Ceramic, 1uF, 6.3V, X5R, 10%, 0402	0402	Std	Std
1	C12	4.7uF	Capacitor, Ceramic, 4.7uF, 6.3V, X5R, 10%, 0603	0603	Std	Std
1	C14	0.033uF	Capacitor, Ceramic, 0.033uF, 6.3V, X7R, 10%, 0402	0402	Std	Std
1	C3	1uF	Capacitor, Ceramic, 1uF, 10V, X5R, 10%, 0603	0603	Std	Std
1	C4	220uF	Capacitor, POSCAP, 220uF, 2.5V, 0.015 Ohms, 20%, B2 Size	7343	2R5TSE220MFGB	Sanyo
4	C6, C8, C9, C10	10uF	Capacitor, Ceramic, 10uF, 6.3V, X5R, 20%, 0603	0805	Std	Std
1	C7	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%, 0402	0402	Std	Std
1	L1	2.2uH	Inductor, SMT, 2.2uH, 6.5A, 0.034 Ohms	0.255 x 0.270 inch	IHLP2525BDER2R2M01	Vishay Dale
1	R2	100K	Resistor, Chip, 100K Ohms, 1%, 0402	0402	Std	Std
1	R4	15.7K	Resistor, Chip, 15.7K Ohms, 1%, 0402	0402	Std	Std
1	R5	5.1	Resistor, Chip, 5.1 Ohms, 5% 0402	0402	Std	Std
2	R6, R7	15K	Resistor, Chip, 15K Ohms, 1%, 0402	0402	Std	Std
1	U1	TPS51116RGE	IC, Synchronous Controller w/ Termination LDO, QFN	QFN-24	TPS51116RGE	Texas Instruments

### For Test Purposes Only

2	R1, R2	10K	Resistor, Chip, 10K Ohms, 1%, 0402	0402	Std	Std
4	J1, J4, J5, J6	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED1514	OST
3	J2, J3, J7	PTC36SAAN	Header, 2-pin, 100mil spacing	0.1 inch	PTC36SAAN	Sullins
4	TP1, TP3, TP5, TP7	5000	Test Point, Red, 1mm	0.038	240-345	Farnell
4	TP2, TP4, TP6, TP8	5001	Test Point, Black, 1mm	0.038	240-333	Farnell

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