

Filename: PMP2934_REVA_bom.xls

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PMP2934_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
2	C1, C12	0.1uF	Capacitor, Ceramic, 16V, X7R, 15%	0402	Std	Std
4	C10, C11, C18, C19	1uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0402	Std	Std
1	C16	220uF	Capacitor, POSCAP, 2.5V, 0.015 Ohms, 20%, B2 Size	7343	2R5TPE220MFGB	Sanyo
6	C2, C3, C4, C5, C13, C14	10uF	Capacitor, Ceramic, 25V, X7R, 15%	1210	Std	TDK
2	C7, C8	330uF	Capacitor, POSCAP, 2.0V, 0.007 Ohms, 20%, Case D2T	7343(D)	2TPLF330M7	Sanyo
2	C9, C17	10uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0805	Std	Std
1	L1	1.0uH	Inductor, SMT, 32A, 1.7milliohm	0.51 x 0.51 inch	IHLP5050FD	Vishay Dale
1	L2	3.3uH	Inductor, SMT, 3.3uH, 6A, 0.030 Ohms	0.255 x 0.270	IHLP2525CZER3R	Vishay Dale
3	Q1, Q4, Q5	RJK0305DPB	MOSFET, N-Ch, 30V, 15A, 0.010 Ohms, LFPK	LFPK	RJK0305DPB	Renesas
2	Q2, Q3	RJK0301DPB	MOSFET, N-Ch, 30V, 30A, 0.003 Ohms, LFPK	LFPK	RJK0301DPB	Renesas
2	R1, R8	200K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R10	14.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R12	5.62K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R2, R9	301	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R3, R6, R11, R13	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R4	21.5K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R5	4.32K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R7, R14	100K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	U1, U2	TPS51117RGY	IC, Synchronous PWM Controller w/ Auto Skip Mode, QFN	QFN14	TPS51117RGY	Texas Instruments

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