

Filename: PMP2958_REVA_bom.xls

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PMP2958_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
8	C122, C125, C142, C145, C146, C148, C166, C167	0.047uF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
2	C123, C144	33pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
3	C124, C147, C161	3300pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
4	C126, C141, C149, C163	10uF	Capacitor, Ceramic, 16V, X7R, 15%	1206	Std	TDK
10	C127, C128, C137, C139, C143, C150, C151, C160, C162, C165	0.1uF	Capacitor, Ceramic, 16V, X7R, 15%	0402	Std	TDK
1	C129	1000pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
4	C130, C134, C153, C157	220uF	Capacitor, SP, 6.3V, UE Series, 15mohm	7343 (D)	EEFUE0J221ER	Panasonic
4	C131, C135, C154, C158	10uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	TDK
4	C132, C133, C155, C156	1uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	Std
1	C136	68pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
1	C138	0.01uF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
2	C140, C164	4.7uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	TDK
1	C159	22pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
4	C8, C9, C10, C11	Open	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
4	D1, D2, D3, D4	BAT54HT1	Diode, Schottky, 30V, 0.35Vf, SOD-323	SOD323	BAT54HT1	On Semi
1	L25	1uH	Inductor, SMT, 9.7A, 5.2milliohm	0.382 X 0.394 inch	VLF1004	TDK
1	L26	6.8uH	Inductor, SMT, 4.8A, 23milliohm	0.382 X 0.394 inch	VLF1004	TDK
1	L27	2.2uH	Inductor, SMT, 7A, 9.5milliohm	0.382 X 0.394 inch	VLF1004	TDK
1	L28	15uH	Inductor, SMT, 3.1A, 42milliohm	0.382 X 0.394 inch	VLF1004	TDK
4	Q9, Q10, Q11, Q12	FDS8984	MOSFET, Dual N-ch, 30V, 7A, 23milliohm	SO8	FDS8984	Fairchild

2	R104, R105	100K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R107	1.62K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R108	1M	Resistor, Chip, 1/16W, 1%	0402	Std	Std
8	R11, R12, R13, R16, R17, R18, R19, R24	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R4, R92	10.5K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R5, R112	13.7K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R6, R7, R9, R10	Open	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R70, R82	30.1K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R71, R72	4.64K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
7	R73, R87, R91, R93, R94, R97, R111	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R74	14.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R75, R95, R98, R114	51.1	Resistor, Chip, 1/16W, 1%	0402	Std	Std
6	R76, R83, R88, R99, R106, R110	4.7	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R77, R100	332K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R78, R85, R101	60.4K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R79	39.2K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R80	40.2K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R81	64.9K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R84	3.83K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R86	649K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R89, R90	7.87K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R96	6.34K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	U9, U10	TPS40140RHH	IC, 2-Phase or Dual Output PWM Controller, QFN	QFN-36	TPS40140RHH	Texas Instruments

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