

Filename: PMP2994_REVA_bom.xls

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PMP2994_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
2	C1, C26	0.047uF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
2	C10, C20	470uF	Capacitor, PosCAP, 6.3V, TPD Series, 10mohm	7343 (D)	6TPD470	Sanyo
2	C11, C17	10uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	TDK
2	C12, C13	1uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	Std
1	C19	4.7uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0603	Std	TDK
2	C2, C14	22pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
2	C3, C16	2200pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
4	C4, C5, C24, C25	22uF	Capacitor, Ceramic, 16V, X7R, 15%	1210	Std	TDK
2	C6, C22	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
2	C7, C23	Open	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
5	C8, C9, C15, C18, C21	0.1uF	Capacitor, Ceramic, 16V, X7R, 15%	0402	Std	TDK
2	D1, D2	BAT54HT1	Diode, Schottky, 30V, 0.35Vf, SOD-323	SOD323	BAT54HT1	On Semi
2	L1, L2	3.3uH	Inductor, SMT, 18A, 6.8milliohm	0.51 x 0.51 inch	IHLP5050FD	Vishay
2	Q1, Q4	Si7114DN	MOSFET, Fast Switching, NChan, 30V, 21.1A, 10milliohm	PWRPAK 1212	Si7114DN	Vishay
2	Q2, Q3	Si7336ADP	MOSFET, NChan, 30V, 30A, Rds 3milliohm	PWRPAK S0-8	Si7336ADP	Vishay
2	R1, R16	40.2K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R10, R22	732K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R11, R30	51.1	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R13, R18	31.6K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R14	200K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R2, R4, R25, R28	9.76K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R21	23.2K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R26	30.1K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R3, R24	Open	Resistor, Chip, 1/16W, 1%	0402	Std	Std
5	R5, R7, R20, R27, R29	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R6, R12, R17, R23	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	14.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R9, R15, R19	4.7	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	U1	TPS40140RHH	IC, 2-Phase or Dual Output PWM Controller, QFN	QFN-36	TPS40140RHH	Texas Instruments

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