

PMP7179_RevA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C5	open	Capacitor, Ceramic, 25V, X5R, 20%	1206	Std	Std
1	C6	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C7	10uF	Capacitor, Ceramic, 6.3V, X5R, 20%	0603	Std	Std
1	C8	560uF	Capacitor, POSCAP, 2V	7343(D)	2TPLF560M5	Sanyo
1	C11	2.2uF	Capacitor, Ceramic, 6.3V, X5R, 20%	0603	Std	Std
1	C12	6800pF	Capacitor, Ceramic, 25V, X7R, 10%	0402	Std	Std
1	C13	1uF	Capacitor, Ceramic, 6.3V, X7R, 10%	0402	Std	Std
1	C16	1500pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
4	C1-4	10uF	Capacitor, Ceramic, 25V, X5R, 20%	1206	Std	Std
2	C14-15	100pF	Capacitor, Ceramic, 25V, X7R, 10%	0402	Std	Std
2	C9-10	Open	Capacitor, SP Cap, 2V, 4.5mohm, 3.8Arms	7343 (D)	EEFSX0D471E4	Panasonic
1	J1	ED120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	ED120/2DS	OST
1	J2	OSTT7022150	Terminal Block, 2-pin, 32-A, 9.5mm	0.75 x 0.49 inch	OSTT7022150	OST
1	J4	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
3	J3 J5-6	PEC02SAAN	Header, Male 2-pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	L1	1.8uH	Inductor, SMT, yy-A, zz-milliohm	0.508 x 0.516 inch	SER1360-xxxKL	Coilcraft
1	Q1	Open	MOSFET, Dual N-Chan, 30-V, 25-A	QFN-8 POWER	CSD87350Q5D	TI
1	Q2	CSD87350Q5D	MOSFET, Dual N-Chan, 30-V, 25-A	QFN-8 POWER	CSD87350Q5D	TI
1	R2	0.5	Resistor, Chip, 1/16W, 1%	0805	Std	Std
1	R5	open	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R7	20k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R13	80.6k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R14	88.7k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R1 R4 R6	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R10-12	5.9k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R15-18	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R8-9	10	Resistor, Chip, 1/16W, 1%	0402	Std	Std
6	TP1 TP3-5 TP7 TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP2 TP6 TP8	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS51518RUK	IC, Single Phase D-CAP and D-CAP2 Controller v	QFN	TPS51518RUK	TI

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