

PMP5760_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
2	C1, C2	10uF	Capacitor, Ceramic, 25V, X7R, 20%	1210	STD	STD
1	C10	220pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
1	C12	4.7uF	Capacitor, Ceramic, 10V, X5R, 10%	0805	STD	STD
1	C13	1000pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
2	C3, C11	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	STD	STD
1	C4	0.01uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	STD	STD
1	C5	0.47uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	STD	STD
2	C6, C7	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	STD	STD
2	C8, C9	10uF	Capacitor, Ceramic, 10V, X7R, 20%	1206	STD	STD
2	J1, J3	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	J2	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	Sullins
1	L1	1uH	Inductor, 10A	0.382 X 0.394 inch	VLF10045T- 1R0N100	TDK
1	Q1	CSD86330Q3D	MOSFET, Synchronous Buck NexFET Power Block	QFN-8 POWER	CSD86330Q3D	TI
2	R1, R3	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	1.74k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	348	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R5	6.8k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	13k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	TP1, TP3, TP5, TP6	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	TP2, TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS40192DRC	IC, Cost Optimized Mid Vin High Freq. Sync. Buck controller	DRC10	TPS40192DRC	TI

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