

PMP9801 BOM

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C4, C5, C6	4	2.2uF	GRM188R6YA225KA12D	MuRata	CAP, CERM, 2.2 μ F, 35 V, +/- 10%, X5R, 0603	0603
C2	1	100uF	EEU-EB1E101S	Panasonic	CAP, AL, 100 μ F, 25 V, +/- 20%, TH	6.3x11.2mm
C3	1	0.1uF	GRM188R61C104KA01D	MuRata	CAP, CERM, 0.1 μ F, 16 V, +/- 10%, X5R, 0603	0603
D1	1	40V	MBR0540T1G	ON Semiconductor	Diode, Schottky, 40 V, 0.5 A, SOD-123	SOD-123
D2, D3, D5	3	100V	1N4148W-TP	Micro Commercial Component	Diode, Switching, 100 V, 0.15 A, SOD-123	SOD-123
D4	1	5.1V	CMDZ5L1 TR	Central Semiconductor	Diode, Zener, 5.1 V, 250 mW, SOD-323	SOD-323
J1, J2, J3, J4	4		TSW-102-07-G-S	Samtec	Header, 100mil, 2x1, Gold, TH	2x1 Header
J5	1		TSW-103-07-G-S	Samtec	Header, 100mil, 3x1, Gold, TH	3x1 Header
Q1	1	40 V	MMBT3904	Fairchild Semiconductor	Transistor, NPN, 40 V, 0.2 A, SOT-23	SOT-23
R2	1	2.49k	RC0603FR-072K49L	Yageo America	RES, 2.49 k, 1%, 0.1 W, 0603	0603
R3	1	5.11k	CRCW06035K11FKEA	Vishay-Dale	RES, 5.11 k, 1%, 0.1 W, 0603	0603
R4	1	499	RC0603FR-07499RL	Yageo America	RES, 499, 1%, 0.1 W, 0603	0603
R1, R5, R7	2	10.0k	RC0603FR-0710KL	Yageo America	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R6	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
T1	1		CX9721-AL	Coilcraft	Transformer, 1 A, 10 μ H, 1:1:1, ER9.5	17x10mm
U1	1		TPS61046YFFR	Texas Instruments	28-V Output Voltage Boost Converter in WCSP Package, YFF0006AAAA	YFF0006AAAA

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