

PMP15034 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C5	2	4.7uF	GRM188R60J475KE19D	MuRata	CAP, CERM, 4.7 μ F, 6.3 V, +/- 10%, X5R, 0603	0603
C2, C4, C6	3	4.7uF	GRM188R6YA475KE15D	MuRata	CAP, CERM, 4.7 μ F, 35 V, +/- 10%, X5R, 0603	0603
C3	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, X7R, 0603	0603
D1, D2	2	100V	1N4148W-7-F	Diodes Inc.	Diode, Ultrafast, 100 V, 0.15 A, SOD-123	SOD-123
J1	1		TSW-106-07-G-S	Samtec	Header, 100mil, 6x1, Gold, TH	6x1 Header
J2, J4	2		TSW-103-07-G-S	Samtec	Header, 100mil, 3x1, Gold, TH	3x1 Header
J3, J5	2		TSW-102-07-T-S	Samtec	Header, 2.54 mm, 2x1, Tin, TH	Header, 2.54 mm, 2x1, TH
L1, L2	2	10uH	FDSD0420-H-100M	MuRata Toko	Inductor, Shielded, Powdered Iron, 10 μ H, 2 A, 0.2 ohm, SMD	4.2x4.2mm
LS1, LS2	2	4kHz	PKM13EPYH4002-B0	MuRata	Buzzer, 4 kHz, 12.6mm Dia, TH	D12.6mm
Q1, Q2, Q4	3	40 V	MMBT3904-7-F	Diodes Inc.	Transistor, NPN, 40 V, 0.2 A, SOT-23	SOT-23
Q3	1	40 V	MMBT3906-7-F	Diodes Inc.	Transistor, PNP, 40 V, 0.2 A, SOT-23	SOT-23
R1, R6, R7	3	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.1 W, 0603	0603
R2	1	3.01k	CRCW06033K01FKEA	Vishay-Dale	RES, 3.01 k, 1%, 0.1 W, 0603	0603
R3	1	29.4k	CRCW060329K4FKEA	Vishay-Dale	RES, 29.4 k, 1%, 0.1 W, 0603	0603
R4, R5, R9	3	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R8	1	56.2k	CRCW060356K2FKEA	Vishay-Dale	RES, 56.2 k, 1%, 0.1 W, 0603	0603
U1, U2	2		TLV61046ADBVR	Texas Instruments	28-V Output Voltage Boost Converter with Power Diode and Isolation Switch, DBV0006A (SOT-6)	DBV0006A

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