

PMP30934 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
+17_U, +17V_V, +17V_W, -4V_U, -4V_V, -4V_W rtn_U, rtn_V, rtn_W	9	Double	1503-2	Keystone	Terminal, Turret, TH, Double	THT, Keystone1503-2
C1, C2, C5	3	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	0603
C3, C4, C13, C14, C15	5	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 uF, 50 V, +/- 10%, X7R, 1210	1210
C6, C7, C8, C10, C11, C12	6	1000pF	C1206C102KGRACAUTO	Kemet	CAP, CERM, 1000 pF, 2000 V, +/- 10%, X7R	1206
C9	1	0.047uF	GRM188R71C473KA01D	MuRata	CAP, CERM, 0.047 uF, 16 V, +/- 10%, X7R, 0603	0603
C16, C17, C18, C19, C20, C21	6	10uF	GRM21BZ71E106KE15L	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 0805	0805
D1	1	17V	SMAJ17A	Littelfuse	Diode, TVS, Uni, 17 V, 27.6 Vc, SMA	SMA
D2	1	60V	SBR0560S1-7	Diodes Inc.	Diode, Schottky, 60 V, 0.5 A, SOD-123	SOD-123
D3, D4, D5	3	150V	DFLS1150-7	Diodes Inc.	Diode, Schottky, 150 V, 1 A, PowerDI123	PowerDI123
D6, D8, D10	3	17V	MMSZ4704-HE3-08	Vishay-Semiconductor	Diode, Zener, 17 V, 500 mW, AEC-Q101, SOD-123	SOD-123
D7, D9, D11	3	3.9V	MMSZ4686-HE3-08	Vishay-Semiconductor	Diode, Zener, 3.9 V, 500 mW, AEC-Q101, SOD-123	SOD-123
J1	1		0393570002	Molex	Terminal Block, 3.5 mm, 2x1, Tin, TH	THT, 3.5 mm, 2x1
L1	1	600 ohm	74279221601	Würth Elektronik	Ferrite Bead, 600 ohm @ 100 MHz, 2.5 A, 1206	1206
L2	1	3.3uH	LPS4018-332MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 3.3 uH, 1.9 A, 0.08 ohm	SMD, LPS4018
R1	1	348k	CRCW0603348KFKEA	Vishay-Dale	RES, 348 k, 1%, 0.1 W, 0603	0603
R2	1	80.6k	CRCW060380K6FKEA	Vishay-Dale	RES, 80.6 k, 1%, 0.1 W, 0603	0603
R3	1	12.1k	CRCW060312K1FKEA	Vishay-Dale	RES, 12.1 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R4	1	442k	CRCW0603442KFKEA	Vishay-Dale	RES, 442 k, 1%, 0.1 W, 0603	0603
R5	1	4.70	CRCW08054R70FKEAHP	Vishay-Dale	RES, 4.70, 1%, 0.5 W, AEC-Q200 Grade 0, 0805	0805
R6	1	71.5k	CRCW060371K5FKEA	Vishay-Dale	RES, 71.5 k, 1%, 0.1 W, 0603	0603
R7, R8, R9	3	10.0	ERJ-P06F10R0V	Panasonic	RES, 10.0, 1%, 0.5 W, AEC-Q200 Grade 0, 0805	0805
R10, R12, R14	3	16.9k	CRCW060316K9FKEA	Vishay-Dale	RES, 16.9 k, 1%, 0.1 W, 0603	0603
R11, R13, R15	3	3.92k	CRCW06033K92FKEA	Vishay-Dale	RES, 3.92 k, 1%, 0.1 W, 0603	0603
T1	1	8uH	ZB1400-AL	Coilcraft	Transformer, 8uH, 3.5W, 1:3:3:3	SMD, 16.8x16.3x7.4mm
TP1	1		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2, TP4	2		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
TP3	1		5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
U1	1		LM25184QNGURQ1	Texas Instruments	42-VIN PSR Flyback DC/DC Converter with 65-V, 4-A Integrated MOSFET	NGU0008C (WSON-8)

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