

PMP30473 REV C Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
+5V, +Vin, -5V, -5Vrtn, -Vin, 5Vrtn	6		1502-2	Keystone	Terminal, Turret, TH, Double	THT Keystone1502-2
C1	1	33uF	EEHZC1H330XP	Panasonic	CAP, Polymer Hybrid, 33 μ F, 50 V,+/- 20%, 40 ohm	SMD 6.3x7.7
C2, C3, C11, C12, C17, C18, C19, C20	8	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 μ F, 50 V,+/- 10%, X7R, 0603	0603
C4	1	4.7uF	GRM31CR71H475KA12L	MuRata	CAP, CERM, 4.7 μ F, 50 V,+/- 10%, X7R, 1206	1206
C5	1	2.2uF	GRM31CR72A225KA73L	MuRata	CAP, CERM, 2.2 μ F, 100 V,+/- 10%, X7R, 1206	1206
C6	1	470pF	GRM188R71H471KA01D	MuRata	CAP, CERM, 470 pF, 50 V,+/- 10%, X7R, 0603	0603
C7	1	0.068uF	GRM188R71E683KA01D	MuRata	CAP, CERM, 0.068 μ F, 25 V,+/- 10%, X7R, 0603	0603
C8	1	0.033uF	GRM188R71E333KA01D	MuRata	CAP, CERM, 0.033 μ F, 25 V, +/- 10%, X7R, 0603	0603
C9	1	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	0603
C10	1	470pF	GRM188R72A471KA01D	MuRata	CAP, CERM, 470 pF, 100 V,+/- 10%, X7R, 0603	0603
C13, C14	2	22uF	GRM31CR71A226KE15L	MuRata	CAP, CERM, 22 μ F, 10 V,+/- 10%, X7R, 1206	1206
C15, C16, C21, C22	4	10uF	GRM21BR71A106KE51K	MuRata	CAP, CERM, 10 μ F, 10 V,+/- 10%, X7R, 0805	0805
C23, C24	2	1000pF	GRM188R71E102KA01D	MuRata	CAP, CERM, 1000 pF, 25 V,+/- 10%, X7R, 0603	0603
D1, D2	2	80V	B180-13-F	Diodes Inc.	Diode, Schottky, 80 V, 1 A, SMA	SMA
L1	1	3.3uH	LPS4012-332MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 3.3 μ H, 1.4 A, 0.1	SMD LPS4012
L2	1	56uH	MSD1260-563ML	Coilcraft	Coupled inductor, 56 μ H, 3.07 A, 0.198 ohm	SMD 12.3x12.3mm
L9, L10	2	2.2uH	LQM21PN2R2MGS	MuRata	Inductor, Multilayer, Ferrite, 2.2 μ H, 0.95 A, 0.18 ohm	0805
R1	1	150k	CRCW0603150KFKEA	Vishay-Dale	RES, 150 k, 1%, 0.1 W, 0603	0603
R2	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
R3	1	7.15k	CRCW06037K15FKEA	Vishay-Dale	RES, 7.15 k, 1%, 0.1 W, 0603	0603
R4	1	412k	CRCW0603412KFKEA	Vishay-Dale	RES, 412 k, 1%, 0.1 W, 0603	0603
R5	1	100	CRCW0603100RJNEA	Vishay-Dale	RES, 100, 5%, 0.1 W, 0603	0603
R6	1	2.00k	CRCW06032K00FKEA	Vishay-Dale	RES, 2.00 k, 1%, 0.1 W, 0603	0603
R7	1	25.5k	CRCW060325K5FKEA	Vishay-Dale	RES, 25.5 k, 1%, 0.1 W, 0603	0603
R8	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603
R11, R13	2	23.7k	CRCW060323K7FKEA	Vishay-Dale	RES, 23.7 k, 1%, 0.1 W, 0603	0603
R12, R14	2	76.8k	CRCW060376K8FKEA	Vishay-Dale	RES, 76.8 k, 1%, 0.1 W, 0603	0603
TP1, TP5, TP6	3	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2	1	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
TP3, TP9	2	Blue	5117	Keystone	Test Point, Miniature, Blue, TH	Blue Miniature Testpoint
TP4	1	Orange	5003	Keystone	Test Point, Miniature, Orange, TH	Orange Miniature Testpoint
TP7, TP8	2	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		TPS57160QDQGRQ1	Texas Instruments	Automotive 3.5V to 60V, 1.5A Step Down SWIFT(TM) Conv.	DGQ0010D (VSSOP10)
U2	1		TPS79901QDRVRQ1	Texas Instruments	Single Output High PSRR LDO, 200 mA, Adjustable	DRV0006A (6-pin SON)
U3	1		TPS72301QDBVRQ1	Texas Instruments	Single Output High PSRR LDO, 200 mA, Adjustable	DBV0005A (5-pin SOT-23)

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