

PMP22557 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	10uF	GCM31CC71E106KA03L	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X7S, AEC-Q200 Grade 1, 1206_190	1206_190
C3	1	33uF	UCS2E470MHD1TO	Nichicon	CAP, AL, 33 uF, 200 V, +/- 20%, TH	D12.5xL20mm
C4	1	220uF	EEHZA1E221P	Panasonic	CAP, Polymer Hybrid, 220 uF, 25 V, +/- 20%, 27 ohm, 8x10 SMD	8x10
C5	1	1uF	GCM188R71E105KA64D	MuRata	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
D1	1	100V	1N4148WS-HG3-08	Vishay-Semiconductor	Diode, Switching, 100 V, 150 A, AEC-Q101, SOD-323	SOD-323
D2, D3	2	200V	ES1D-E3/61T	Vishay-Semiconductor	Diode, Ultrafast, 200 V, 1 A, AEC-Q101, SMA	SMA
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 3.5mm Pitch, 2x1, TH	7.0x8.2x6.5mm
L1	1		SPM7054VT-470M-D	TDK	Inductor, Shielded, Metal, 47 uH, 2.5 Arms, 0.162 ohm, AEC-Q200, SMD	7.50x7.00x5.40mm
Q1	1		SQJA20EP-T1_GE3	Vishay	MOSFET N-CH 200V PWRPAK SO-8L	PowerPAK SO-8L Single
R1	1	150k	CRCW0402150KFKED	Vishay-Dale	RES, 150 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R2	1	73.2k	CRCW040273K2FKED	Vishay-Dale	RES, 73.2 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R4	1	0	ERJ-2GE0R00X	Panasonic	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0402	0402
R5	1	2.00k	CRCW04022K00FKED	Vishay-Dale	RES, 2.00 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R6	1	0.33	ERJ-8RQFR33V	Panasonic	RES, 0.33, 1%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
R7	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R8, R9	2	15.0k	CRCW080515K0FKEA	Vishay-Dale	RES, 15.0 k, 1%, 0.125 W, AEC-Q200 Grade 0, 0805	0805
TP1, TP2	2		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP3	1		5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
TP4, TP5, TP6	3		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		UCC28730QDRQ1	Texas Instruments	Zero Standby PSR Flyback Controller with CVCC and Wake-Up Monitoring, Automotive, D0007A (SOIC-7)	D0007A
C2	0	22pF	CGA3E2C0G1H220J080AA	TDK	CAP, CERM, 22 pF, 50 V, +/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0603	0603
R3	0	100k	CRCW0402100KFKED	Vishay-Dale	RES, 100 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402

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