

PMP30387 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PCB 10654 RevB	Any	Printed Circuit Board	
C1, C10, C11	3	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210
C2	1	47uF	GRM32ER71A476KE15L	MuRata	CAP, CERM, 47 uF, 10 V,+/- 10%, X7R, 1210	1210
C3, C9, Cr	3	0.01uF	GRM188R71H103KA01D	MuRata	CAP, CERM, 0.01 uF, 50 V,+/- 10%, X7R, 0603	0603
C4, C5, C6	3	4.7uF	GRM31CR71H475KA12L	MuRata	CAP, CERM, 4.7 uF, 50 V,+/- 10%, X7R, 1206	1206
C7	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 uF, 50 V,+/- 10%, X7R, 0603	0603
C8	1	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1 uF, 25 V,+/- 10%, X7R, 0603	0603
C12	1	100pF	GRM42A7U3F101JW31L	MuRata	CAP, CERM, 100 pF, 3150 V, +/- 5%, U2J, 1808	1808
Cac	1	1000pF	GRM188R71H102KA01D	MuRata	CAP, CERM, 1000 pF, 50 V,+/- 10%, X7R, 0603	0603
D1, D2	2	60V	RB160M-60TR	Rohm	Diode, Schottky, 60 V, 1 A, SOD-123	SOD-123
J1, J2, J3, J4	4		HTSW-102-07-G-S	Samtec	Header, 100mil, 2x1, Gold, TH	Header, 100mil, 2x1, THT
R1, R2	2	4.02k	CRCW06034K02FKEA	Vishay-Dale	RES, 4.02 k, 1%, 0.1 W, 0603	0603
R3	1	681k	CRCW0603681KFKEA	Vishay-Dale	RES, 681 k, 1%, 0.1 W, 0603	0603
R4	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100k ohm, 1%, 0.1W, 0603	0603
R5	1	18.7k	CRCW060318K7FKEA	Vishay-Dale	RES, 18.7 k, 1%, 0.1 W, 0603	0603
Rfbb, Rr	2	20.0k	CRCW060320K0FKEA	Vishay-Dale	RES, 20.0 k, 1%, 0.1 W, 0603	0603
Rfbt	1	133k	CRCW0603133KFKEA	Vishay-Dale	RES, 133 k, 1%, 0.1 W, 0603	0603
T1	1	25uH	WE 750 317 313	Würth Elektronik	Transformer, 25uH, 10-pin, Thru-Hole, 1:1:0.36	Würth EPC13, 10-pin, THT Horizontal
U1	1		LM5160ADNTR	Texas Instruments	Wide Input 65V, 1.5A Sync Step-Down DC-DC Conv.	DNT0012B