

Variant: 001  
Generated: 11/29/2022 3:01 PM  
TID #: N/A



## PMP23146XFR REV B2 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C50	1	1uF	GRM188R61E105KA12D	MuRata	CAP, CERM, 1 uF, 25 V, +/- 10%, X5R, 0603	603
2	C51	1	2.2uF	GRM188R61C225KAAD	MuRata	CAP, CERM, 2.2 uF, 16 V, +/- 10%, X5R, 0603	603
3	C52, C53	2	22uF	C3216X5R1V226M160AC	TDK	CAP, CERM, 22 uF, 35 V, +/- 20%, X5R, 1206	1206
4	C150	1	100pF	GRM1885C2A101JA01D	MuRata	CAP, CERM, 100 pF, 100 V, +/- 5%, C0G/NP0, 0603	603
5	CORE50	1	70uH	B66483G0000X149 + B66483K0000X149	EPCOS	EQ20 + I core set, N49 material, gapped to 70uH	EQ20+I
6	D50	1	200V	BAS20HT1G	ON Semiconductor	Diode, Switching, 200 V, 0.2 A, AEC-Q101, SOD-323	SOD-323
7	J50	1		TMS-117-01-L-S	Samtec	Connector Header Through Hole 17 position 0.050" (1.27mm)	HDR17
8	J51, J53	2		TMS-104-01-L-S	Samtec	Header, 50mil, 4x1, Gold, TH	TH, Header, 1.27 mm, 4x1, Straight
9	Q50	1	100V	FDMS86200	Fairchild Semiconductor	MOSFET, N-CH, 150 V, 35 A, PQFN08A	PowerPAK SO-8
10	R150	1	14	ERJ-8ENF14R0V	Panasonic	RES, 14.0, 1%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
11	U50	1		UCC24612-1DBVR	Texas Instruments	High-Frequency Multi-Mode Synchronous Rectifier Controller, DBV0005A (SOT-23-5)	DBV0005A