pmp30794-eff.xlsx
None
12/20/2019 12:59 PM
N/A

PMP30794 REV B1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C3	2	0.22uF	GCM188R71H224KA64D	MuRata	CAP, CERM, 0.22 µF, 50 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0603	603
C2	1	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 uF, 50 V, +/- 10%, X7R, 1210	1210
C4, C5	2	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 µF, 25 V,+/- 10%, X7R, 1210	1210
C7	1	1uF	GCM188R71E105KA64D	MuRata	CAP, CERM, 1 µF, 25 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0603	603
C9	1	1000pF	GRM188R71H102KA01D	MuRata	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 0603	603
C10	1	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 µF, 25 V,+/- 10%, X7R, 0603	603
C51, C52	2	0.01uF	GCM188R71H103KA37D	MuRata	CAP, CERM, 0.01 µF, 50 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0603	603
C53, C54	2	1uF	GRM21BR71H105KA12L	MuRata	CAP, CERM, 1 µF, 50 V,+/- 10%, X7R, 0805	805
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 3.5mm Pitch, 2x1, TH	7.0x8.2x6.5mm
J4	1		800-10-003-10-001000	Mill-Max	Header, 100mil, 3x1, TH	Header, 3x1, 100mil, TH
L1	1		XGL4020-222MEC	Coilcraft	Shielded Power Inductors	SMT_4MM0_4MM0
L51	1	600 ohm	FBMH3225HM601NT	Taiyo Yuden	Ferrite Bead, 600 ohm @ 100 MHz, 3 A, 1210	1210
L52	1		XGL4020-471MEC	Coilcraft	Shielded Power Inductors	SMT_4MM0_4MM0
R7	1	2	CRCW08052R00FKEAHP	Vishay-Dale	RES, 2.00, 1%, 0.5 W, AEC-Q200 Grade 0, 0805	805
R101	1	1	CRCW06031R00FKEA	Vishay-Dale	RES, 1.00, 1%, 0.1 W, 0603	603
TP1, TP2	2		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
TP3, TP5	2		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
U1	1		LM63625DQPWPTQ1	Texas Instruments	3.5-V to 36-V, 2.5-A Synchronous Step-Down Voltage Regulator with Spread Spectrum, PWP0016D (TSSOP-16)	PWP0016K

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