

PMP7771

PMP771 BOM



Literature Number:SNVR042

Bill of Materials Report

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Project Name: 24W DC/DC Converter

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Variant: _____

Schematic Rev: 0

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Designator	CompType	Value	Footprint	Parameters	Manufacturer	Manufacturer_PN
C100	Capacitor	22uF	1210	, , 25VV, %	Murata	GRM32ER61E226KE15L
C101	Capacitor	0.1uF	0805	Ceramic, X7R, 100V, 10%	TDK	C2012X7R2A104K
C102	Capacitor	0.01uF	0805	Ceramic, X7R, 50V, 10%	TDK	C2012X7R1H103K
C103	Capacitor	22uF	1210	Ceramic, X5R, 16V, 20%	TDK	C3225X5R1C226M
C104	Capacitor	22uF	1210	Ceramic, X5R, 16V, 20%	TDK	C3225X5R1C226M
C105	Capacitor	22uF	1210	Ceramic, X5R, 16V, 20%	TDK	C3225X5R1C226M
C106	Capacitor	22uF	1210	Ceramic, X5R, 16V, 20%	TDK	C3225X5R1C226M
C107	Capacitor	4700pF	0805	Ceramic, X7R, 100V, 20%	TDK	C2012X7R2A472M
C108	Capacitor	1000pF	0805	Ceramic, C0G/NP0, 50V, 5%	MuRata	GRM2165C1H102JA01D
D100	Diode	40V	SMC	Vr = 40V, Io = 3A, Vf = 0.525V	ON Semiconductor	MBRS340T3
L100	Inductor	5.6uH	MSS1260	Shielded Drum Core, 7.5A, 0.022Ohm	Coilcraft Inc.	MSS1260-562MLB
Q100	MOSFET	-40V	SOIC-8	-8.7A, 40nC, rDS(on) @4.5V=0.0165	Vishay-Siliconix	SI4401BDY
R100	Resistor	10.0	0805	1%, 0.125W	Vishay-Dale	CRCW080510R0FKEA
R101	Resistor	0.02	1206	1%, 0.5W	Ohmite	LVK12R020FER
R102	Resistor	33.2k	0805	1%, 0.125W	Vishay-Dale	CRCW080533k2FKEA
R105	Resistor	0.02	1206	1%, 0.5W	Ohmite	LVK12R020FER
R106	Resistor	54.9k	0805	1%, 0.125W	Vishay-Dale	CRCW080554k9FKEA
R107	Resistor	10.0k	0805	1%, 0.125W	Vishay-Dale	CRCW080510k0FKEA
U100	Swicher		msop-8		National Semiconductor	LM3489

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