

PMP7758

PMP7758 BOM



Literature Number:SNVR016

Engineering Bill of Materials

Project Name:	LM25011 3.3V 1A DC/DC Converter
Project File:	NSC1035.PrjPCB
Base ID:	xxxxxx
PCB Revision:	-001 REV A
Assembly Variant:	-100A
Schematic Rev:	0
Build Quantity:	1
Generated:	11/10/2009 9:27:14 AM



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Time opened: 5:01:01 PM

PCB Part Number: 551xxxxx-001 REV A

Item	Designator	CompType	Value	PackageReference	Description	Manufacturer	PartNumber
1	C1	Capacitor	4.7uF	1210	Ceramic, X7R, 50V, 10%	MuRata	GRM32ER71H475KA88L
2	C2	Capacitor	0.1uF	0805	Ceramic, X7R, 25V, 10%	TDK	C2012X7R1E104K
3	C3	Capacitor	0.022uF	0805	Ceramic, X7R, 100V, 10%	TDK	C2012X7R2A223K
4	C4	Capacitor	4.7uF	0805	Ceramic, X7R, 10V, 20%	TDK	C2012X7R1A475M
5	C5	Capacitor	820pF	0805	Ceramic, C0G/NP0, 100V, 5%	MuRata	GRM2195C2A821JA01D
6	C6	Capacitor	open				
7	C7	Capacitor	open				
8	D1	Diode	40V	PWERDI 123	Schottky, 2A, 40V	Diodes Inc.	DFLS240L-7
9	L1	Inductor	3.3uH	LPS4018	Shielded Drum Core, 2A, 0.08 Ohm	Coilcraft Inc.	LPS4018-332MLB
10	R1	Resistor	34.8k	0805	1%, 0.125W	Vishay-Dale	CRCW080534K8FKEA
11	R2	Resistor	0.1	0805	5%, 0.125W	Panasonic	ERJ-6RSJR10V
12	R3	Resistor	8.25k	0805	1%, 0.125W	Vishay-Dale	CRCW08058K25FKEA
13	R4	Resistor	2.61k	0805	1%, 0.125W	Vishay-Dale	CRCW08052K61FKEA
14	R5	Resistor	1.00	0805	1%, 0.125W	Vishay-Dale	CRCW08051R00FKEA
15	R6	Resistor	open				
16	U1	Switcher		MUC10A	42V, 2A Constant On-Time Switching Regulator with Adjustable Current Limit	National Semiconductor	LM25011MY

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