

PMP7764

PMP7764 BOM



Literature Number:SNVR028

Bill of Materials Report

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Project Name: High Voltage DC/DC Converter

Project File: NSC1011.PrjPCB

Variant: _____

Schematic Rev: 2

Creation Date: 4/22/2009

Print Date: _____



Designator	CompType	Value	Footprint	Parameters	Manufacturer	Manufacturer_PN
C100	Capacitor	0.047uF	1812	, , 1000VV, %	MuRata	GRM43DR73A473KW01L
C101	Capacitor	0.047uF	1812	, , 1000VV, %	MuRata	GRM43DR73A473KW01L
C102	Capacitor	0.022uF	0805	Ceramic, C0G/NP0, 25V, 5%	TDK	C2012C0G1E223J
C103	Capacitor	4.7uF	1210	Ceramic, X7R, 50V, 10%	MuRata	GRM32ER71H475K
C104	Capacitor	1uF	0805	Ceramic, X5R, 25V, 10%	TDK	C2012X5R1E105K
C105	Capacitor	680pF	0805	Ceramic, X7R, 100V, 20%	MuRata	GRM2165C1H681JA01D
C106	Capacitor	330pF	0805	Ceramic, C0G/NP0, 50V, 5%	MuRata	GRM2165C1H331JA01D
C107	Capacitor	0.22uF	0805	Ceramic, X7R, 16V, 10%	TDK	C2012X7R1C224K
C110	Capacitor	2.2uF	1206	Ceramic, X7R, 25V, 20%	TDK	C3216X7R1E225K
C111	Capacitor	100uF	SM_RADIAL_F	AL, FC, 25V, 20%	Panasonic	EEV-FC1E101P
C121	Capacitor	0.33uF	0805	Ceramic, X7R, 16V, 10%	TDK	C2012X7R1C334K
D100	Zener	18V	SMA		Central Semiconductor	CMZ5931B
D101	Diode	200V	SMA		Vishay	ES1D
D105	Diode	100V	SOD-123	Vr = 100V, Io = 0.15A, Vf = 1.25V	Diodes Inc.	1N4148W-7-F
D110	Zener	5.1V	SOD-123		Central Semiconductor	CMHZ4689
Q100	MOSFET	1000V	DPAK		Fairchild	FQD2N100
Q101	Bipolar Transistor	40V	SOT-23		Fairchild	MMBT2222-7
Q102	MOSFET	1500V	TO220		ST	STP3N150
R100	Resistor	1.00Meg	0805	5%, W	ROHM	KTR10EZPJ105
R101	Resistor	1.00Meg	0805	5%, W	ROHM	KTR10EZPJ105
R102	Resistor	1.00Meg	0805	5%, W	ROHM	KTR10EZPJ105
R103	Resistor	1.00Meg	0805	5%, W	ROHM	KTR10EZPJ105
R104	Resistor	1.00Meg	0805	5%, W	ROHM	KTR10EZPJ105
R105	Resistor	1.00Meg	0805	5%, W	ROHM	KTR10EZPJ105
R106	Resistor	20.5k	0805	1%, 0.125W	Vishay-Dale	CRCW080520k5FKEA
R107	Resistor	8.25k	0805	1%, 0.125W	Vishay-Dale	CRCW08058k25FKEA
R108	Resistor	499	0805	1%, 0.125W	Vishay-Dale	CRCW0805499RFKEA
R109	Resistor	1.87k	0805	1%, 0.125W	Vishay-Dale	CRCW08051k87FKEA
R110	Resistor	15.4k	0805	1%, 0.125W	Vishay-Dale	CRCW080515k4FKEA
R111	Resistor	1.05k	0805	1%, 0.125W	Vishay-Dale	CRCW08051k05FKEA
R112	Resistor	10.0	0805	1%, 0.125W	Vishay-Dale	CRCW080510R0FKEA
R113	Resistor	20.5k	0805	1%, 0.125W	Vishay-Dale	CRCW080520k5FKEA
R114	Resistor	287k	0805	1%, 0.125W	Vishay-Dale	CRCW0805287kFKEA
R115	Resistor	1.00	1206	1%, 0.25W	Vishay-Dale	CRCW12061R00FNEA
R116	Resistor	2.00Meg	0805	5%, W	ROHM	KTR10EZPJ205
R121	Resistor	196k	0805	1%, 0.125W	Vishay-Dale	CRCW0805196kFKEA
T100	Transformer		EFD20		Gci Technologies	G095028LF
U100	Switcher		MSOP-10		National Semiconductor	LM5022

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