

PMP7754

PMP7754 BOM



Literature Number:SNVR008

Engineering Bill of Materials

Project Name:	12Vac 6W LED Driver
Project File:	NSC1044.PrjPCB
Base ID:	xxxxxx
PCB Revision:	-001 REV A
Assembly Variant:	-100A
Schematic Rev:	1
Build Quantity:	
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Time opened: 3:34:51 PM

PCB Part Number: 551xxxxxx-001 REV A

Designator	CompType	Value	PackageReference	Description	Manufacturer	PartNumber
C1	Capacitor	470uF		Polarized Capacitor	United Chemi-Con	EKY-250ELL471MH20D
C2	Capacitor	0.47uF	0805	Ceramic, X7R, 25V, 10%	TDK	C2012X7R1E474K
C3	Capacitor	0.1uF	0603	Ceramic, X7R, 16V, 10%	TDK	C1608X7R1C104K
C4	Capacitor	1uF	0603	Ceramic, X7R, 16V, 10%	TDK	C1608X5R1C105K
C5	Capacitor	100pF	0603	Ceramic, C0G/NP0, 50V, 5%	TDK	C1608C0G1H101J
C6	Capacitor	0.22uF	0603	Ceramic, X7R, 16V, 10%	TDK	C1608X7R1C224K
C7	Capacitor	4.7uF	0805	Ceramic, X5R, 25V, 10%	MuRata	GRM21BR61E475KA12L
C8	Capacitor	4.7uF	0805	Ceramic, X7R, 10V, 20%	TDK	C2012X7R1A475M
D1	Diode	30V	PowerDI 123	Vr = 30V, Io = 2A	Diode Inc.	DFLS230L
D2	Diode	30V	PowerDI 123	Vr = 30V, Io = 2A	Diode Inc.	DFLS230L
D3	Diode	30V	PowerDI 123	Vr = 30V, Io = 2A	Diode Inc.	DFLS230L
D4	Diode	30V	PowerDI 123	Vr = 30V, Io = 2A	Diode Inc.	DFLS230L
D5	Diode	30V	PowerDI 123	Vr = 30V, Io = 2A	Diode Inc.	DFLS230L
D6	Diode	50V	SMA	Vr = 50V, Io = 2A	Diode Inc.	B250A-13-F
D7	Zener	5.6V	SOD-323	SMT Zener Diode	NXP	PDZ5.6B
D8	Zener	25V	SOD-123	SMT Zener Diode	Central Semiconductor	CMHZ4710
L1	Inductor	47uH	LPS6235		Coilcraft Inc.	LPS6235-473ML
Q1	BJT	40V	SOT-23	PNP, 0.2A, 40V	Central Semiconductor	CMPT3906 LEAD FREE
R1	Resistor	10.0	0603	1%, 0.1W	Vishay-Dale	CRCW060310R0FKEA
R2	Resistor	499	0603	1%, 0.1W	Vishay-Dale	CRCW0603499RFKEA
R3	Resistor	10.0k	0805	1%, 0.125W	Vishay-Dale	CRCW080510K0FKEA
R4	Resistor	3.65	1206	1%, 0.25W	Vishay-Dale	CRCW12063R65FNEA
R5	Resistor	1.54k	0603	1%, 0.1W	Vishay-Dale	CRCW06031k54FKEA
R6	Resistor	10.0k	0603	1%, 0.1W	Vishay-Dale	CRCW060310K0FKEA
R7	Resistor	10.0k	0603	1%, 0.1W	Vishay-Dale	CRCW060310K0FKEA
R8	Resistor	115k	0603	1%, 0.1W	Vishay-Dale	CRCW0603115KFKEA

Designator	CompType	Value	PackageReference	Description	Manufacturer	PartNumber
R9	Resistor	115k	0603	1%, 0.1W	Vishay-Dale	CRCW0603115KFKEA
R10	Resistor	5.90k	0603	1%, 0.1W	Vishay-Dale	CRCW06035K90FKEA
R11	Resistor	3.65	1206	1%, 0.25W	Vishay-Dale	CRCW12063R65FNEA
R12	Resistor	820	Through Hole	1%,0.25W		
U1	MiscPower		LLP-16	High Voltage Switch Mode Regulator	National Semiconductor	LM5000-SD-3

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