

Holiday Lighting for the Car

12/19/2005, 01/03/2006 RLD



Bill-of-Materials

1	Lamp/ornament Northern Lights LED Lit Snowflake Ornament	Department 56 #56.43562 (43472=Blue, 43477=White)	\$6.50
1	12V cigarette lighter accessory plug/adaptor 48"L (with LED and 3A fuse)	Mr. Bracket #893805/8938	\$6.99
1	Lamp receptacle housing green with 2 brass contacts from 20-count clear (or color) light set	MerryBrite #0321/102806 (#0320/102830)	\$1.29
1	Label "4.5V 1A"	Custom	\$0.00
1	IC voltage regulator LDO 1.5A TO-220 THD	National #LM1086CT-ADJ or Linear #LT1086CT-ADJ	
2	Capacitor 10uF 20% 35V Ta C-case SMD	Any	
1	Resistor 121-ohm 1% 1/16W min. 0603 (or larger) SMD, or 1/4W THD	Any	
1	Resistor 316-ohm 1% 1/16W min. 0603 (or larger) SMD, or 1/4W THD	Any	
2	Wire #20 AWG insulated hookup 2"L	Any	
a/r	Solder	Any	

Specifications

Input: 12Vdc +/-50% (6-18V)

Output: 4.5Vdc +/-5% 1A maximum

