



Hall sensor to monitor magnetic field and switch current direction
U2

Hall output is used to control current direction
Also Hall output can be used to provide motor speed feedback if desired. This can be divided down if necessary.

R3 Adjust resistor for max desired current

Orderable: N/A	Designed for: Public Release	Mod. Date: 11/23/2015	<p>TEXAS INSTRUMENTS http://www.ti.com © Texas Instruments 2015</p>
TID #: 00875	Project Title: Single Phase BLDC with Brushed Motor Driver		
Number: TIDA-00875	Rev: E1	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: [No Variations]	Sheet: 1 of 2	
Drawn By:	File: TIDA-00875.SchDoc	Size: B	
Engineer: Enter name of project lead	Contact: http://www.ti.com/support		

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PCB Number: TIDA-00875
PCB Rev: E1

PCB
LOGO
Texas Instruments

PCB
LOGO
Pb-Free Symbol

ZZ1
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ2
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ3
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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