

Dual Relay Board Using SMD Components

Dual channel Compact Relay driver project can be controlled by feeding 2-12V trigger voltage, Very useful project for application like Micro-Controller based projects, Remote controller, Lamp on Off, and any circuits which required isolated 5A current and high voltage switching by applying any TTL or CMOS level voltage. Two LED works as operation indicator, 3 pins screw terminals to connect load. Relay provides both normally open and normally closed switching.

Note: Board is made only for low voltage switching applications.

Input: 12 VDC @ 84 mA

Output: Two SPDT relay

Relay specification: 5 A @ 60 VAC

Trigger level: 2 to 12 VDC

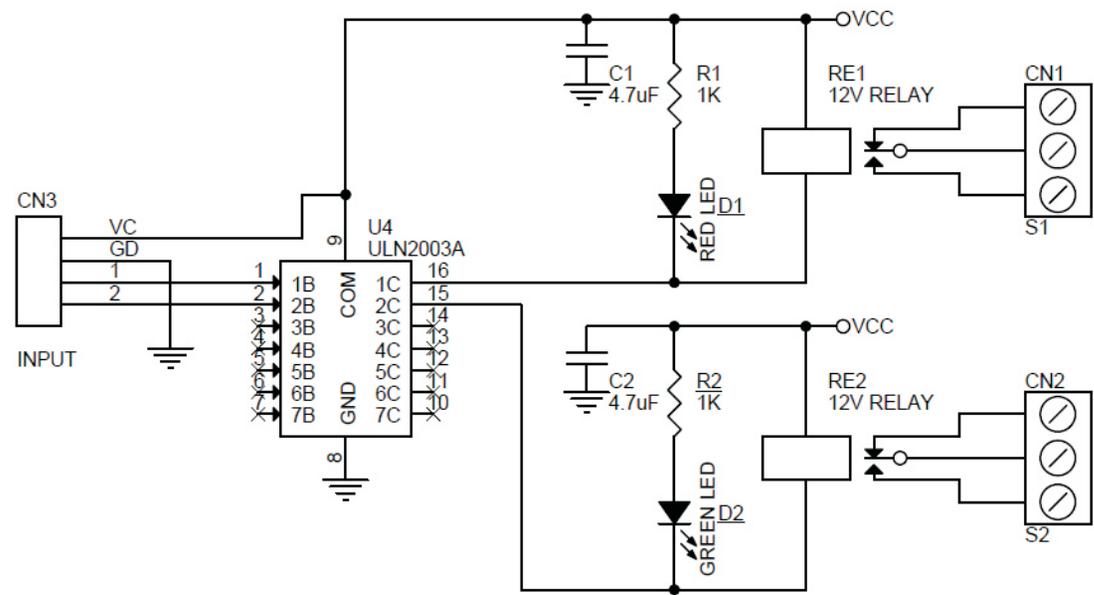
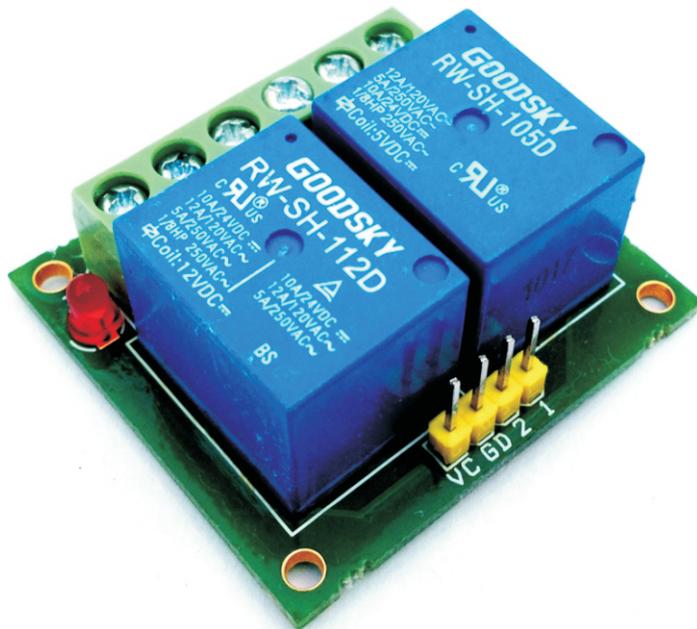
Header connector for connecting power and trigger voltage

LED on each channel indicates relay status

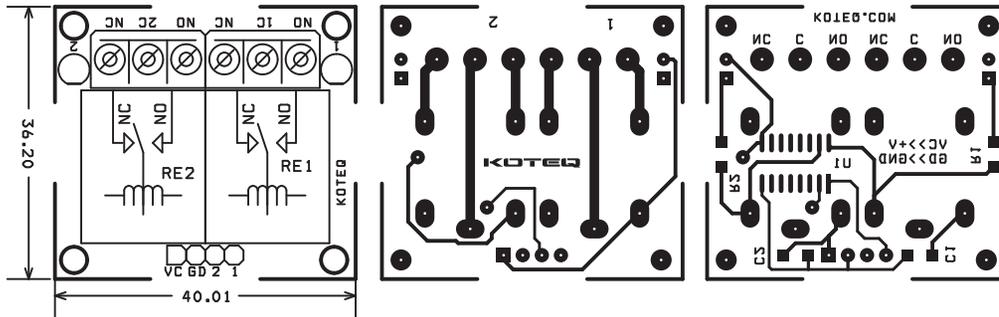
Power Battery Terminal (PBT) for easy relay output connection

Four mounting holes of 3.2 mm each

PCB dimensions 49 mm x 68 mm



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BOM			
SR.	QNTY.	REF.	DESC.
1	2	CN1,CN2	3 TERMINAL SCREW TERMINAL
2	1	CN3	4 PIN HEADER CONNECTOR
3	2	C1,C2	4.7uF/50V SMD 1206
4	1	D1	RED LED 3MM
5	1	D2	GREEN LED 3MM
6	2	RE1,RE2	12V RELAY
7	2	R1,R2	1K SMD 1206
8	1	U4	ULN2003A SMD

