

## 4 CHANNEL RELAY BOARD

4 Channel Relay Board is a simple and convenient way to interface 4 relays for switching application in your project. Very compact design can fit in small area, mainly this board is made for low voltage application.

### Features

**Input supply 12 VDC @ 170 mA**

**Output four SPDT relay**

**Relay specification 10A/24V DC**

**Trigger level 2 ~ 5 VDC**

**Header Connector for connecting power and trigger voltage**

**LED on each channel indicates relay status**

**Power Battery Terminal (PBT) for easy relay output and aux power connection**

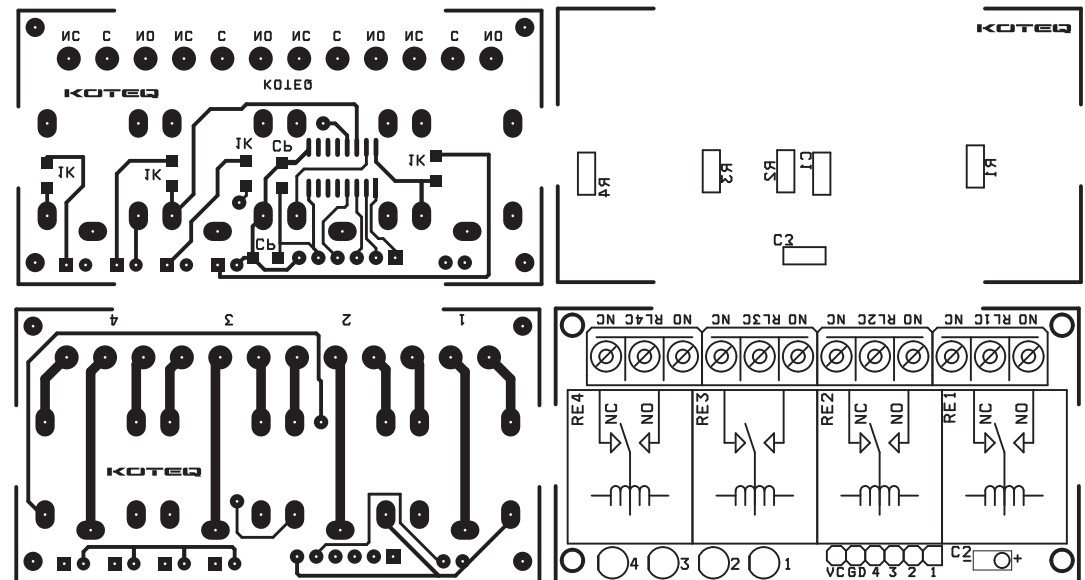
**Four mounting holes of 3.2 mm each**



**Applications: Robotics, Electronics projects, Industrial controls, Microwaves Oven, Fans, DC Motor, AC Lamp, Solenoids Remote Controls etc.**

**Note: The board is designed for low voltage switching application, maximum supply at relay contacts 48V DC/7Amps**

BOM			
SR.	QTY.	REF.	DESCRIPTION
1	4	CN1,CN2,CN3,CN4	3 PIN PBT CONNECTOR
2	1	CN5	6 PIN BOX HEADER CONNECTOR
4	2	C1,C3	0.1uF
5	1	C2	10uF/50V
6	3	D1,D3,D5	RED LED
7	2	D1-D4	3MM GREEN LED
8	4	RE1,RE2,RE3,RE4	12V RELAY
9	5	R1,R2,R3,R4,R5	1K
10	1	U1	ULN2003A SMD SO14



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