

7 Channel Relay Driver

ASM/RL7

(Fully Assembled)

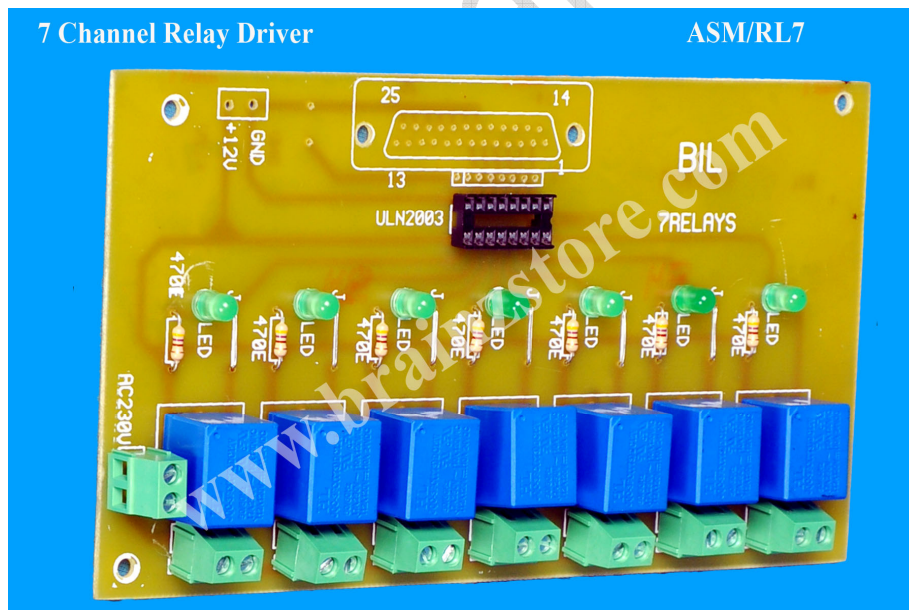
This circuit board is widely for switching Electrical load via Microcontroller or any other means (TTL logic). By this PCB one can able to switch ON/OFF up to 7 Electrical appliances/ Loads.

Rather than use individual Darlington transistors, you can use an integrated circuit specially designed for driving high-current loads from TTL-level inputs. The most common ICs of this type is ULN2003, which has 7 Darlington drivers in a 16-pin DIP package.

This ASM/RL7 is completely assembled with 7 relays , LED with current limiting resistors and 16 Pin IC base

Dimension:

17* 9.5 cm



Components:

IC1	----- ULN2003 (<u>Does not come along with this board</u>)
Resistor R1-R7	----- 470E
RLY1- RLY7	----- Cube relay (12V/7A)
CH1-CH7	----- Input (From Microcontroller or switch) +5V max
CN2	----- +12V DC voltage
LED1-7	----- 5 mm LED
OP1-OP7	----- Output connector (5082/V3 Connector)