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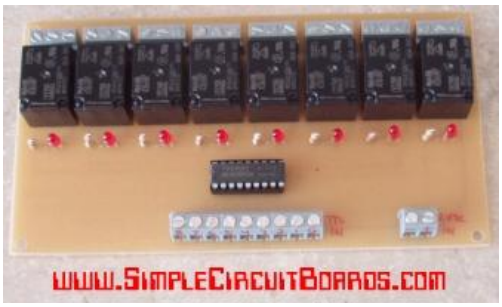
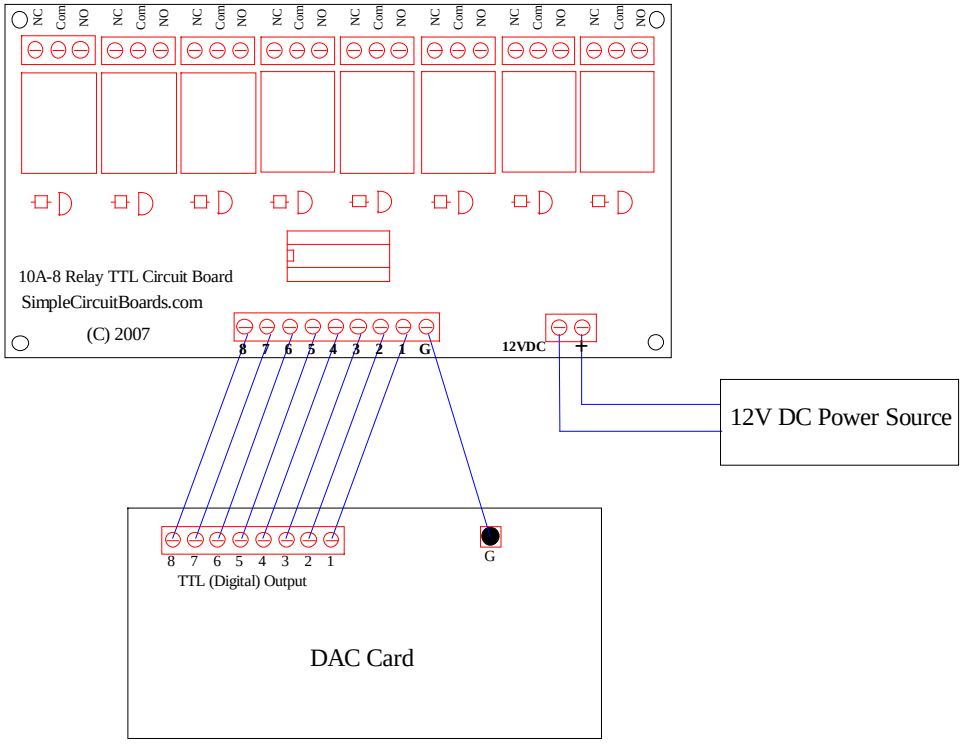
TTL-Driven Relay Board – 8 Circuits – 10 Amp



This circuit board allows you to use 8 bits (TTL) of digital output (available on almost all low-end DAC boards) to control eight other devices or components that draw up to 10 Amps (relay, lamp, etc.) each. The device can either be an AC or DC device. This board uses a relay that has both Normally Open (NO) and Normally Closed (NC) contacts. A very nice small board with lots of uses.

Example Hook-Up:
Below is a diagram on how you might hook this board up to your DAC device.



Miscellaneous Information:
The relays on this circuit board are rated for 10 amps of current. The circuit board has not been tested at the maximum rated current. I have routinely used it to switch motors and solenoids that drew around 3 amps each for extended periods of time and have not seen any problems with the circuit handling those loads and expect it to perform well at higher currents. EMF protection is provided by the diodes internal

to the transistor array chip. Also, the circuit traces for the relays have been "beefed-up" with extra solder for higher current handling. If you are switching high current solenoids or relays and are still getting feed-back, I also sell a board that will prevent that. Contact me for more details.

Specifications:

- Input Power: 12 VDC
- Number of Circuits: 8
- Max Switched Current: 10 Amps (see note above)
- Board Dimensions: 6 x 3 inches

Disclaimer:

These boards are designed for educational use only. In no circumstances should these circuit boards be used in critical situations where failure could mean injury or property damage.

Please check out the other circuit board designs that I offer at www.SimpleCircuitBoards.com

- Thermocouple Amplifier
- 8-Bit Digital to Analog Converter
- DC to DC Converter
- TTL-Driven Relay Board – 1 Amp and 10 Amp
- TTL-Driven Latching Relay Board
- Programmable Relay Boards
- Programmable Servo Boards
- Water Level Monitor and Control Boards
- Plus, I do custom designs, too!

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For more information, contact us at:
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