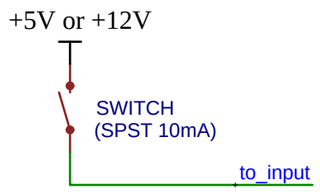
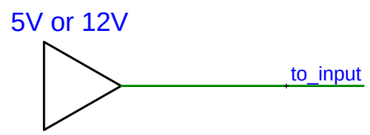
Input Options





Impedance:
fast inputs: 4k7
slow inputs: 4k7 // 10k clamping to 5V

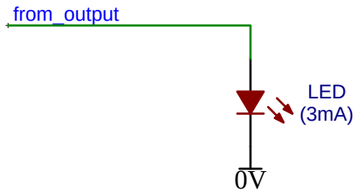
DC values slow inputs:
input==0: 1.3V max.
input==1: 4.5V min.

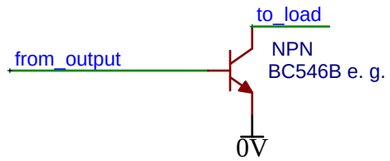
DC values fast inputs:
threshold: 2.4V typ.
hytheresis: 0.3V typ.

Analog Inputs:
  input voltage range: 0..15V (Ain0..Ain3)
  input voltage range: 0..3.3V (Ain4..Ain7)
  input current range: 0..20mA
Impedance:
  voltage: 57k (Ain0..Ain3)
  voltage: 1M (Ain4..Ain7)
  current: 150R (Ain0..Ain4 only)

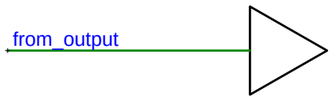
TITLE: Connecting Power Socket		REV: 1.0
EasyEDA	Company: agopengps.discourse.group	Sheet: 1/1
	Date: 2021-01-09 Drawn By: GoRoNb	

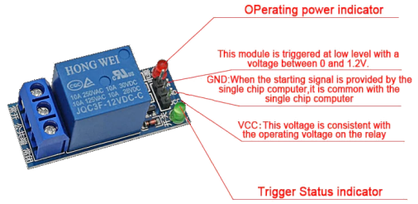
Output Options



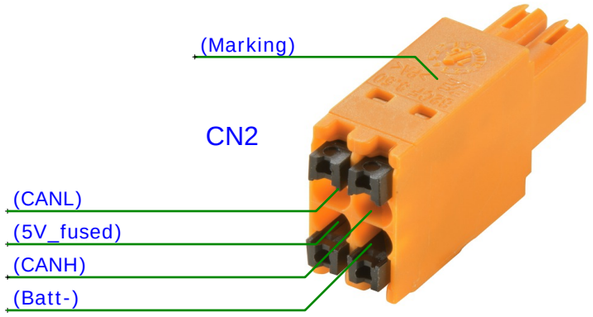


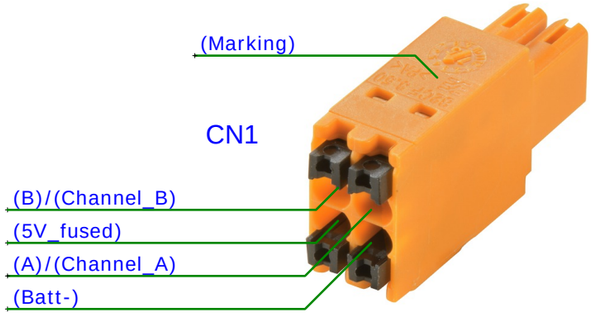
e. g. Relay Module or Motor Driver





TITLE: Connecting Motor or Valves		REV: 1.0
EasyEDA	Company: agopengps.discourse.group	Sheet: 1/1
	Date: 2021-01-09 Drawn By: GoRoNb	





TITLE: Bus Connections		REV: 1.0
EasyEDA	Company: agopengps.discourse.group	Sheet: 1/1
	Date: 2021-01-09 Drawn By: GoRoNb	