
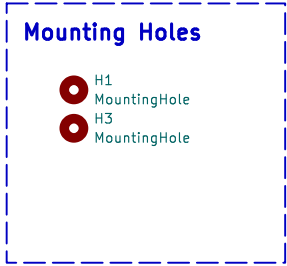


Mounting Holes



The diagram shows two red circles representing mounting holes. The top circle is labeled 'H1' and 'MountingHole'. The bottom circle is labeled 'H3' and 'MountingHole'.



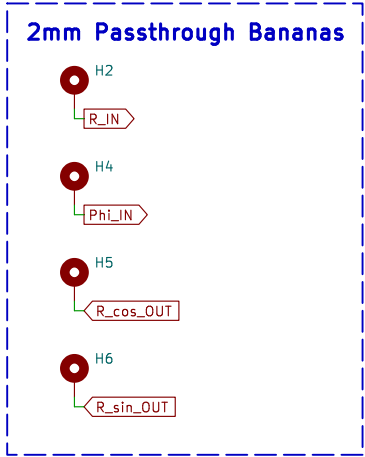
2mm Passthrough Bananas

H2
R_IN

H4
Phi_IN

H5
R_cos_OUT

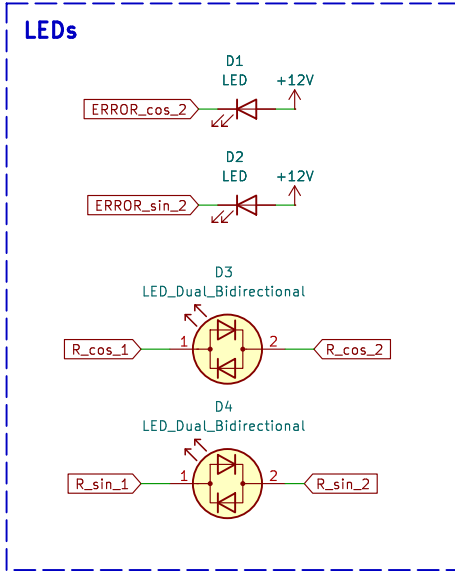
H6
R_sin_OUT



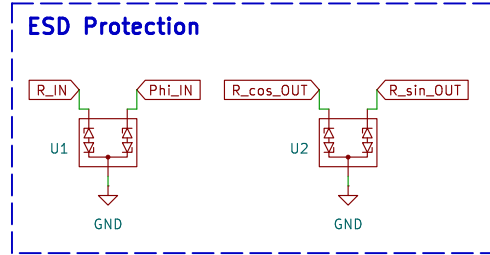
LEDs

The diagrams show the following connections:

- D1 LED:** Anode connected to `ERROR_cos_2`, cathode connected to `+12V`.
- D2 LED:** Anode connected to `ERROR_sin_2`, cathode connected to `+12V`.
- D3 LED:** A bidirectional LED with terminals 1 and 2. Terminal 1 is connected to `R_cos_1` and terminal 2 is connected to `R_cos_2`.
- D4 LED:** A bidirectional LED with terminals 1 and 2. Terminal 1 is connected to `R_sin_1` and terminal 2 is connected to `R_sin_2`.



The diagram illustrates two ESD protection structures, U1 and U2, used for protecting input and output pins. Structure U1 is connected to the input pins R_IN and Phi_IN, while structure U2 is connected to the output pins R_cos_OUT and R_sin_OUT. Both structures are grounded to GND.

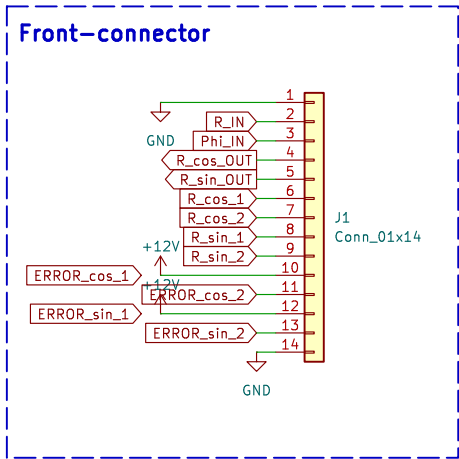


Front-connector

Diagram of the front connector J1 (Conn_01x14) showing 14 pins. The pins are numbered 1 to 14. The connections are as follows:

- Pin 1: GND
- Pin 2: R_IN
- Pin 3: Phi_IN
- Pin 4: R_cos_OUT
- Pin 5: R_sin_OUT
- Pin 6: R_cos_1
- Pin 7: R_cos_2
- Pin 8: R_sin_1
- Pin 9: R_sin_2
- Pin 10: ERROR_cos_1
- Pin 11: ERROR_cos_2
- Pin 12: ERROR_sin_1
- Pin 13: ERROR_sin_2
- Pin 14: GND

A +12V supply is connected to pins 10, 11, and 12.



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