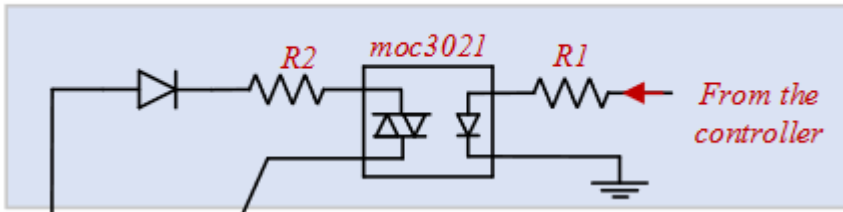
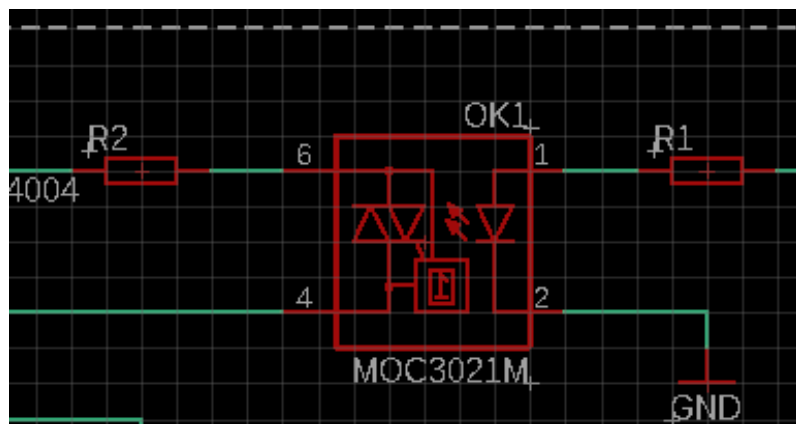


MOC3021

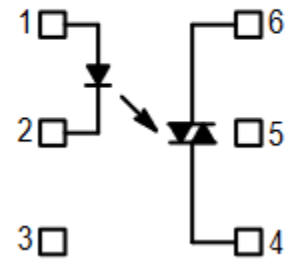
Firing circuit



Eagle:



SCHEMATIC



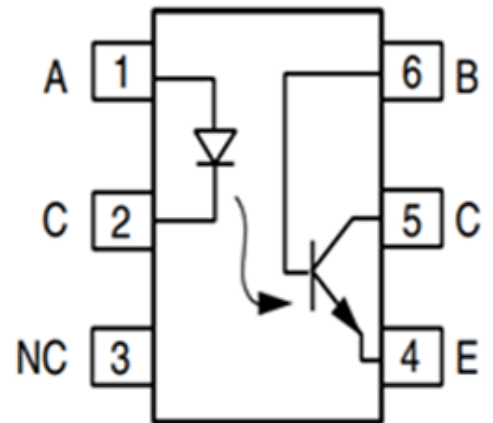
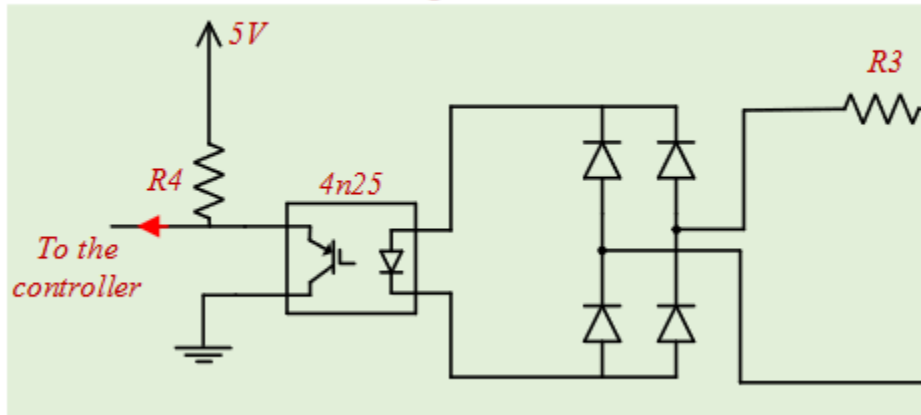
1. ANODE
2. CATHODE
3. NC
4. MAIN TERMINAL
5. SUBSTRATE
DO NOT CONNECT
6. MAIN TERMINAL

Makers:

<https://makerselectronics.com/product/moc-3021-optoisolator-triac-driver>

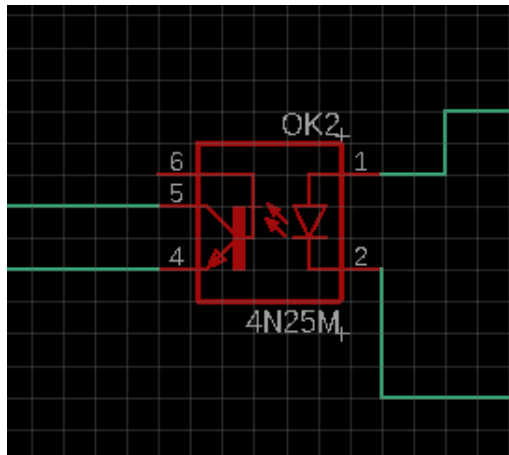
4N25

Zero crossing detection circuit



Pin 6 (base) is internally connected with pin4 (emitter) so don't connect it in the schematic

Eagle:



Makers:

<https://makerselectronics.com/product/4n25-optocoupler>

خدوا بوسة 😊