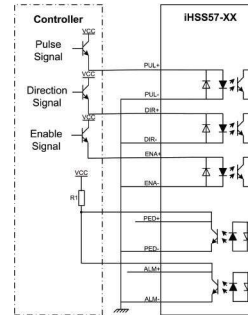
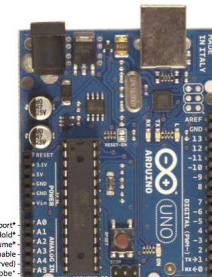


## 5.2 Connections to Common Cathode



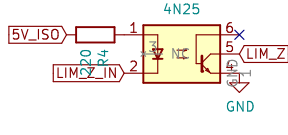
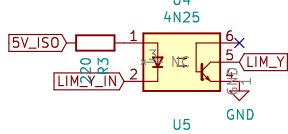
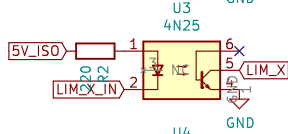
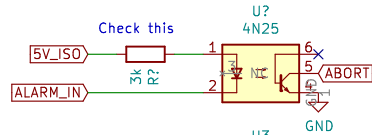
Remark:

VCC is compatible with 5V or 24V;  
R3~5K must be connected to control signal terminal.

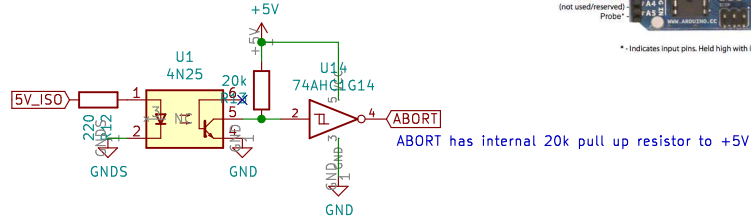


\*. Indicates input pins. Held high with internal pull-up resistors.

### Incoming signals

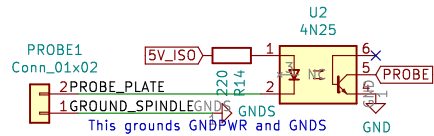


### Reset on loss of external power



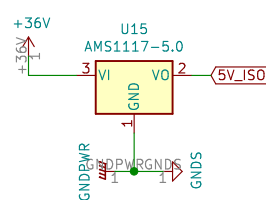
ABORT has internal 20k pull up resistor to +5V

### Probe connector

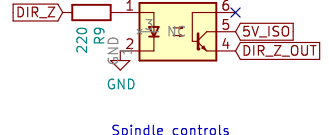
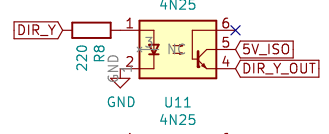
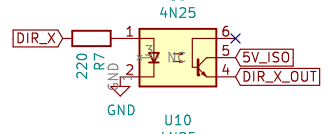
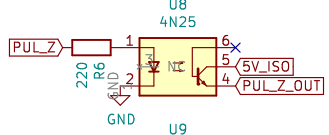
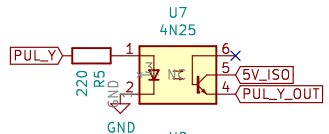
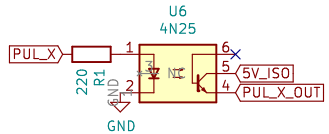


This grounds GNDPWR and GND5

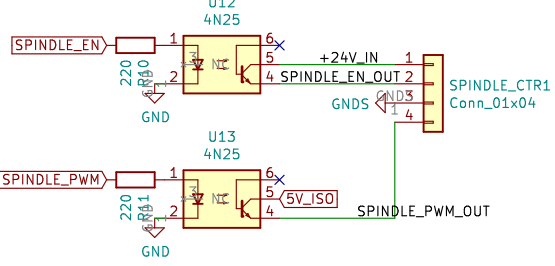
### Voltage regulator fixed 5V



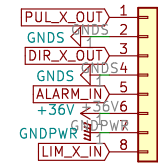
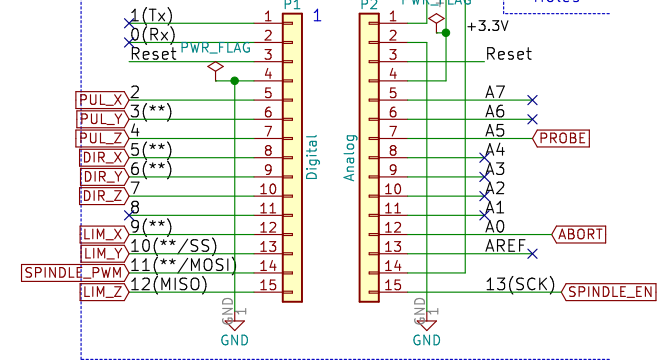
### Outgoing signals



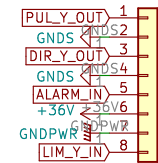
### Spindle controls



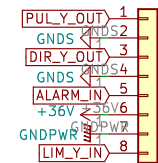
### Shield for Arduino Nano



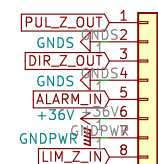
X\_PLUG\_SOCKET1  
Conn\_01x08



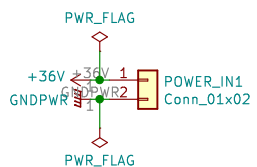
Y1\_PLUG\_SOCKET1  
Conn\_01x08



Y2\_PLUG\_SOCKET1  
Conn\_01x08



Z\_PLUG\_SOCKET1  
Conn\_01x08



POWER\_IN1  
Conn\_01x02

Buck converter?