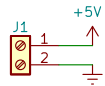
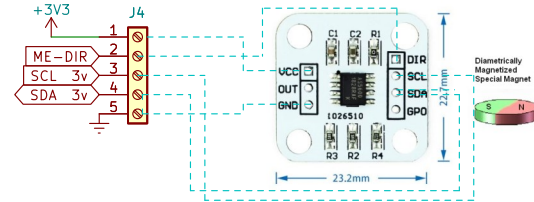


POWER SUPPLY 5VDC

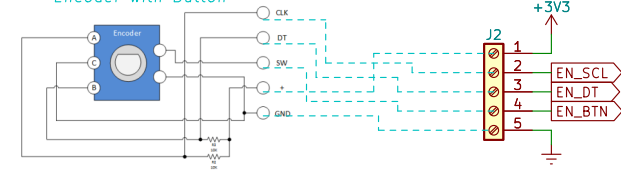


THROTTLE MAGNETIC ENCODER

AS5600 12-Bit High Precision
Programmable Contactless
Potentiometer / Magnetic Encoder

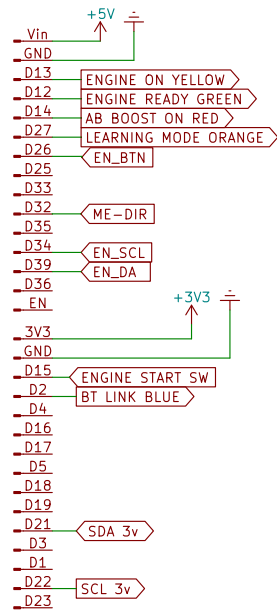


Example of a
Typical Arduino Rotary
Encoder with Button

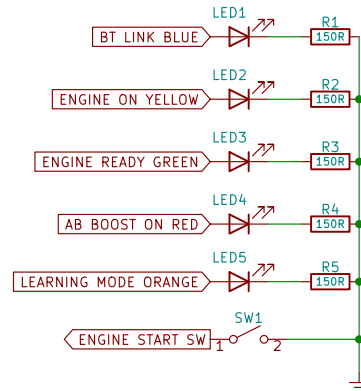


ROTARY ENCODER WITH BUTTON

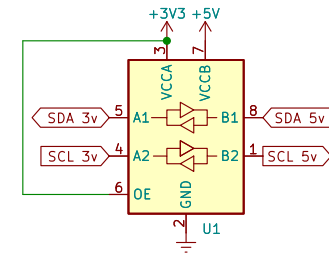
30 PIN ESP32 DEV BOARD



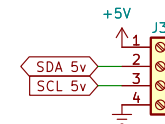
LEDS & TOGGLE SWITCH



Bi-Directional Level Shift for I2C



I2C LCD 2004



NOTE:
Bi-Directional Level Shift was used
in demo setup as LCD +5v version

R D McCleery

Sheet: /

File: Controller Module.kicad_sch

Title: ESP32 Bluetooth Master – Turbine Controller Node

Size: A4 Date: 2024-07-03

KiCad E.D.A. eeschema (6.0.7)

Rev: 1.0.4

Id: 1/1