

1 2 3 4 5 6

A

A

B

B

C

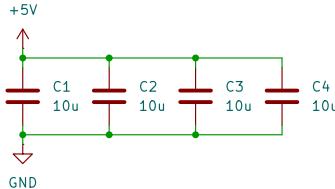
C

D

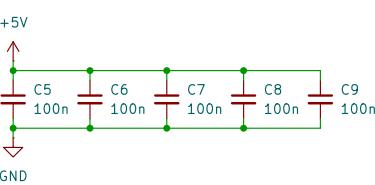
D

Decoupling Capacitors

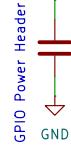
1x bulk cap for each AVDD, VDDIO, VDDIN, VDDCORE



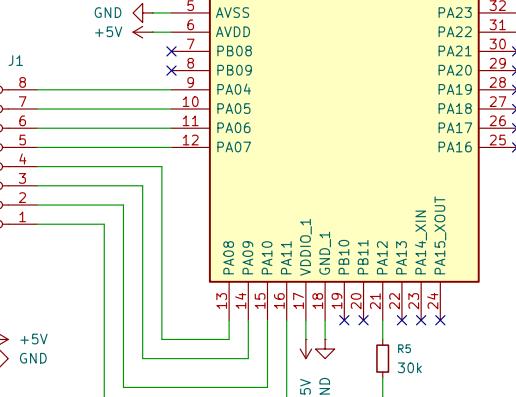
1x decoupling cap for each power pin



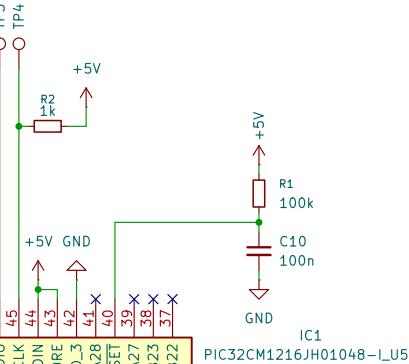
GPIO Power Header & Cap



GPIO Header



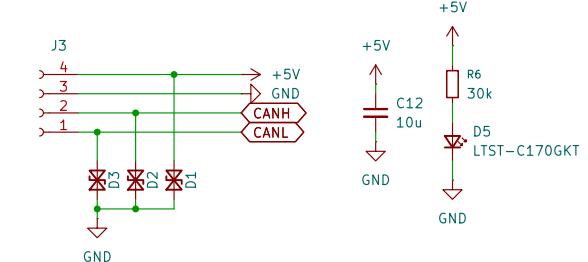
PIC32 MCU



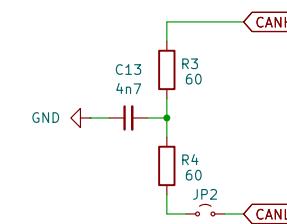
IC1 PIC32CM1216JH01048-I_U5B

Main connector

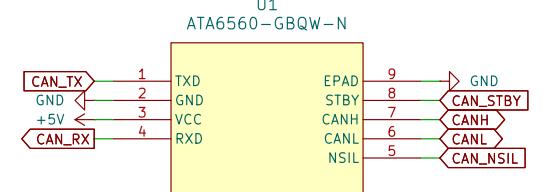
*All TVS diodes are DESD5V0S1BA-7 unless otherwise noted



CAN Termination



CAN Transceiver



Rowan Motorsports

Ryan Hausmann

Sheet: /

File: can-module.kicad_sch

Title: CAN Module

Size: A4 Date: 2026-02-11

KiCad E.D.A. 9.0.7

Rev: A

Id: 1/1

1 2 3 4 5 6