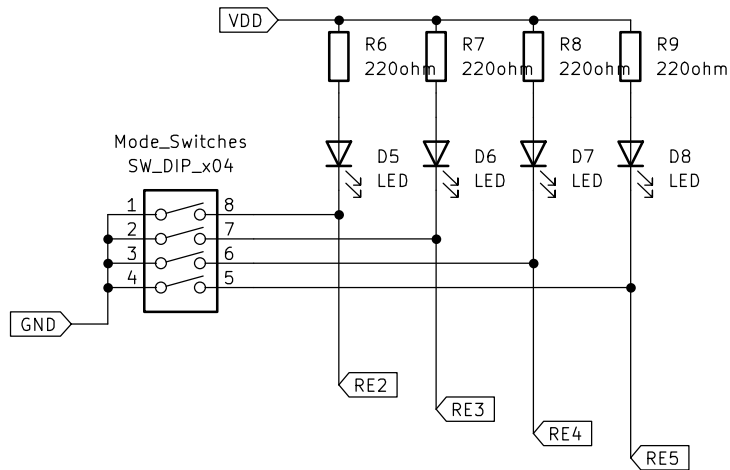
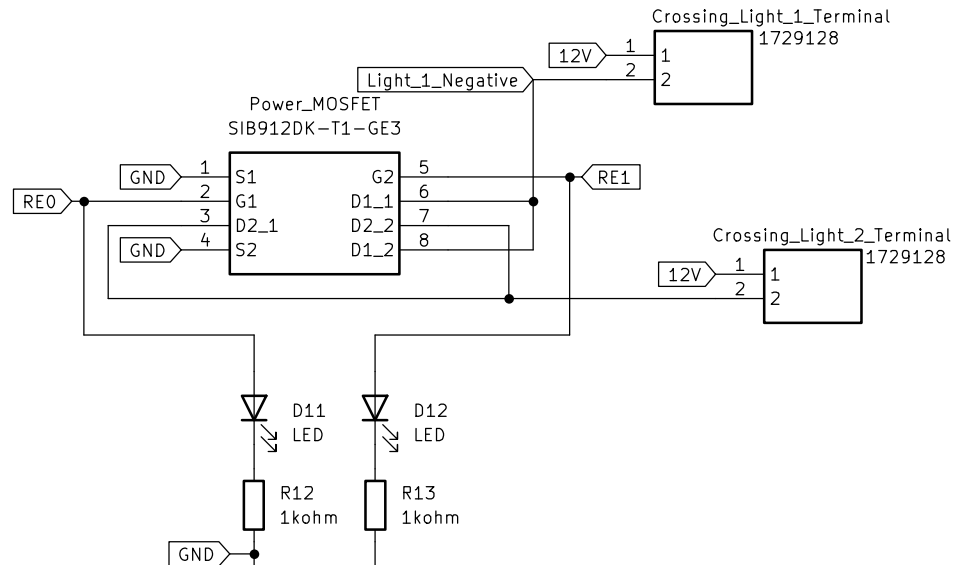


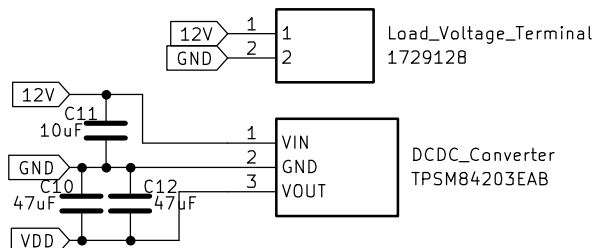
Mode Switches



Light Driver Circuit



DC to DC Converter Circuit



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File: mode_switches.kicad_sch

Title: Schematic for Train Detection and Warning System PCB

Size: A5
KiCad E.D.A. 8.0.5

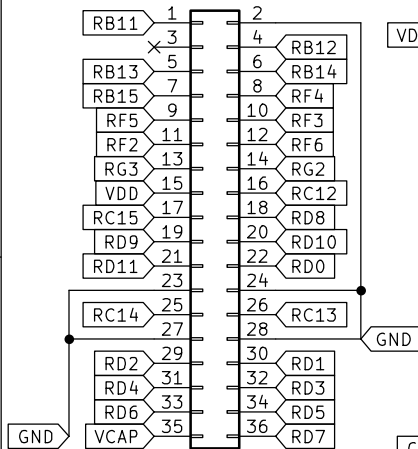
Date: 2025-04-07

Rev: 2
Id: 2/4

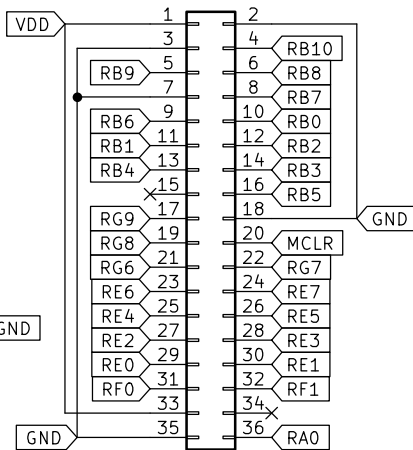
PIC24 Headers

uController to Sensors

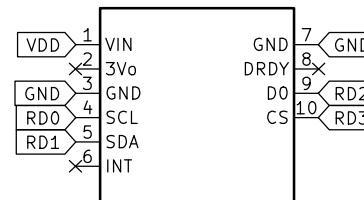
Microcontroller_Header_1
Conn_02x18_Odd_Even



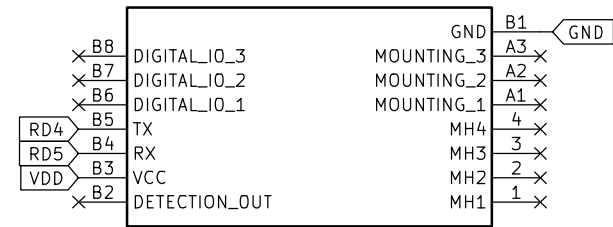
Microcontroller_Header_2
Conn_02x18_Odd_Even



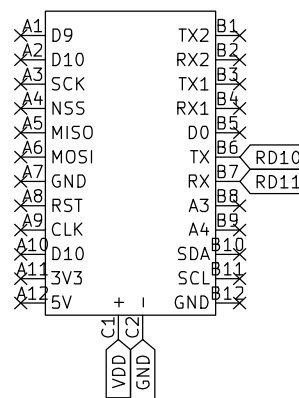
Magnetometer
LIS3MDL_Breakout



Radar
K-MD7-RFB-00H-02

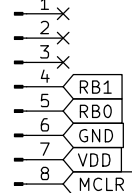


LoRa
Wio-E5_mini



PICKit 5 Pin Header

PickKit_Pin_Header
Conn_01x08_Pin



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Sheet: /Headers and PickIt/
File: schem_part2.kicad_sch

Title: Schematic for Train Detection and Warning System PCB

Size: A5 Date: 2025-04-07

KiCad E.D.A. 8.0.5

Rev: 2

Id: 3/4

