

PIN NUMBERING CONVENTION: LOOK AT PLUG FROM FRONT.  
(WIRES COMING OUT OF REAR) WITH RETAINING CLIP ON TOP.  
COUNT TOP LEFT TO RIGHT, THEN BOTTOM LEFT TO RIGHT.

IGNITION (+12V) FROM H39 PIN 9 (RED)  
GROUND (GND) FROM H39 PIN 6 (WHITE/BLACK)

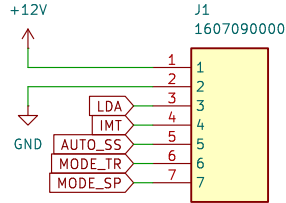
LANE DEPARTURE ALERT (LDA) FROM H60 PIN 6 (WHITE)

AUTO STOP/START (AUTO\_SS) FROM PIN 6 (BLACK)  
IMT FROM PIN 8 (BLACK)

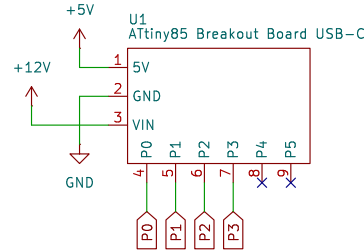
THE MODE-SELECT CONNECTOR IS AN 8 PIN CONNECTOR.  
NUMBERING SCHEME BELOW COUNTS PINS 1 & 8 EVEN THOUGH NOT POPULATED.  
SPORT MODE (MODE\_SP) FROM PIN 4 (GREEN)  
TRACK MODE (MODE\_TR) FROM PIN 6 (RED)

SEE WIRING DETAILS.XLSX FOR MORE INFO

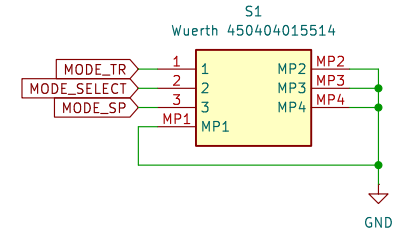
TERMINAL BLOCK CONNECTOR



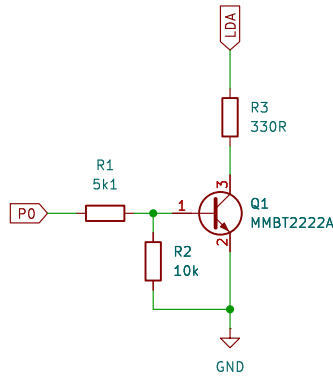
DIGISPARK ATtiny85 DEVELOPMENT BOARD



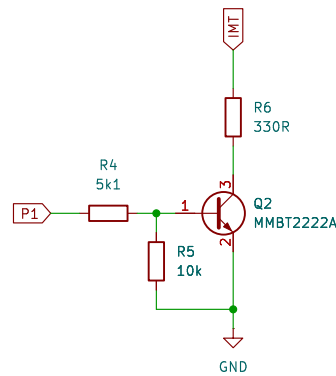
SPDT SLIDE SWITCH  
TO SELECT BETWEEN SPORT AND TRACK



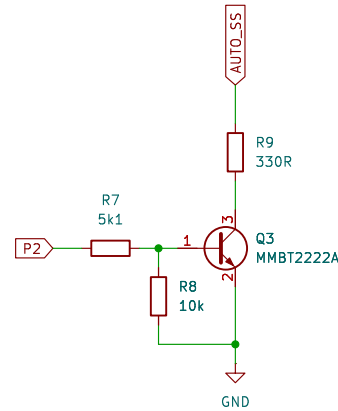
LANE DEPARTURE ALERT OUTPUT



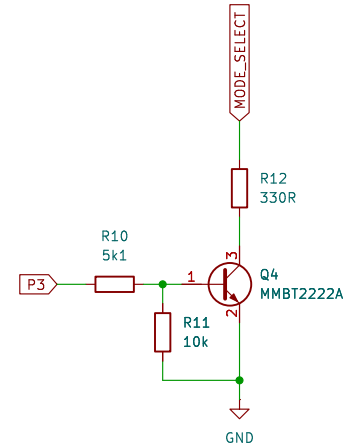
IMT OUTPUT



AUTO STOP/START OUTPUT



MODE SELECT OUTPUT



ADDITIONAL MOUNTING HOLE  
(M3 CLEARANCE)



WILL N

Sheet: /

File: GR Yaris.kicad\_sch

**Title: GR YARIS STARTUP CONTROLLER V1.0**

Size: A4

Date: 2025-03-15

Rev: A

KiCad E.D.A. 9.0.0

Id: 1/1