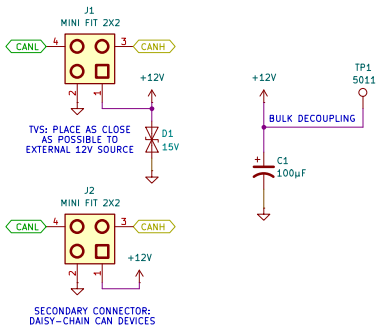
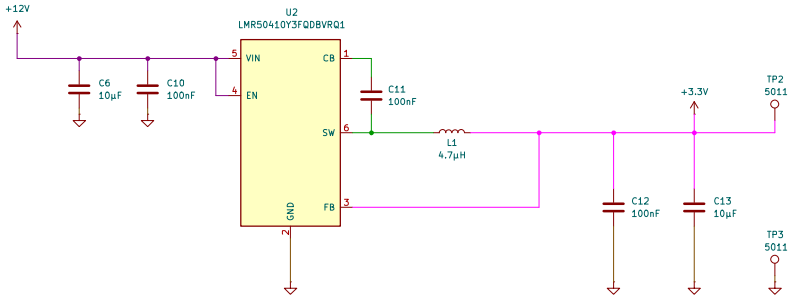
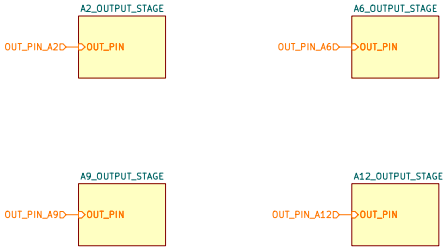
12V POWER + CAN



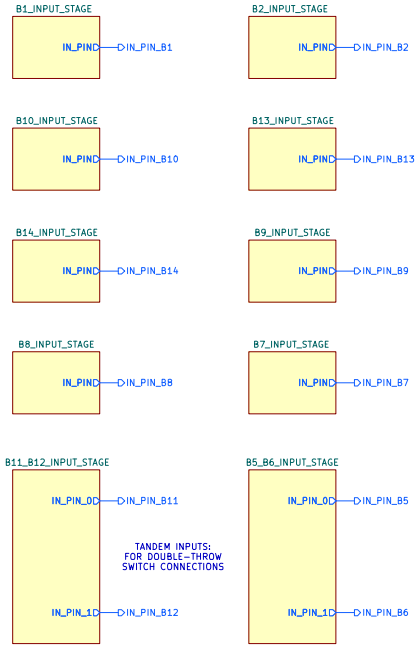
3.3V SUPPLY (SWITCHING)



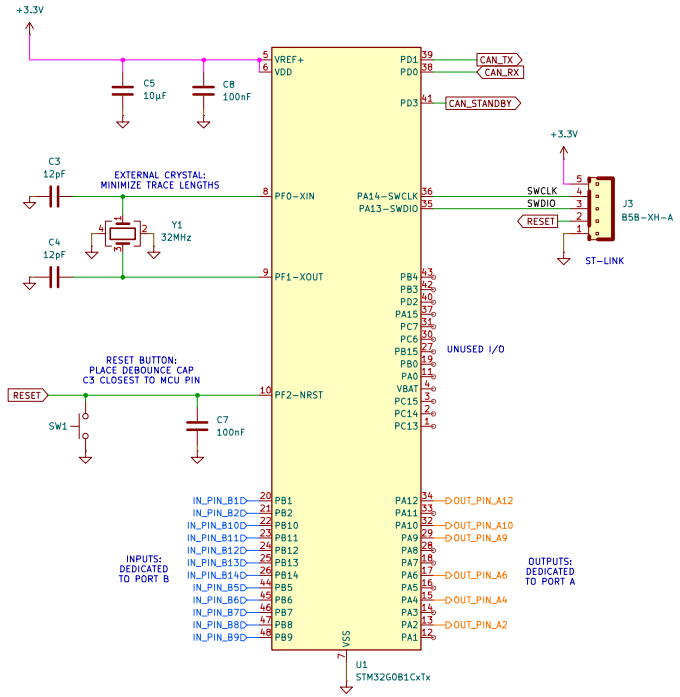
OUTPUT STAGES



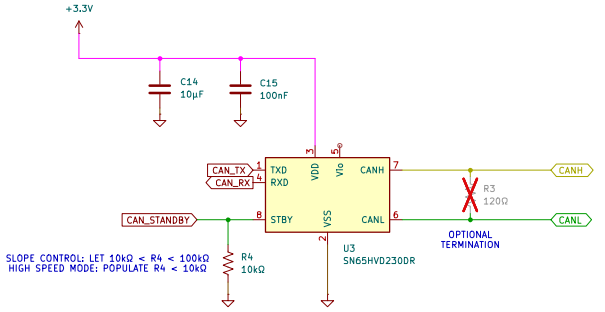
INPUT STAGES

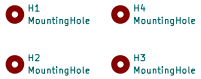


STM32



CAN TRANSCEIVER



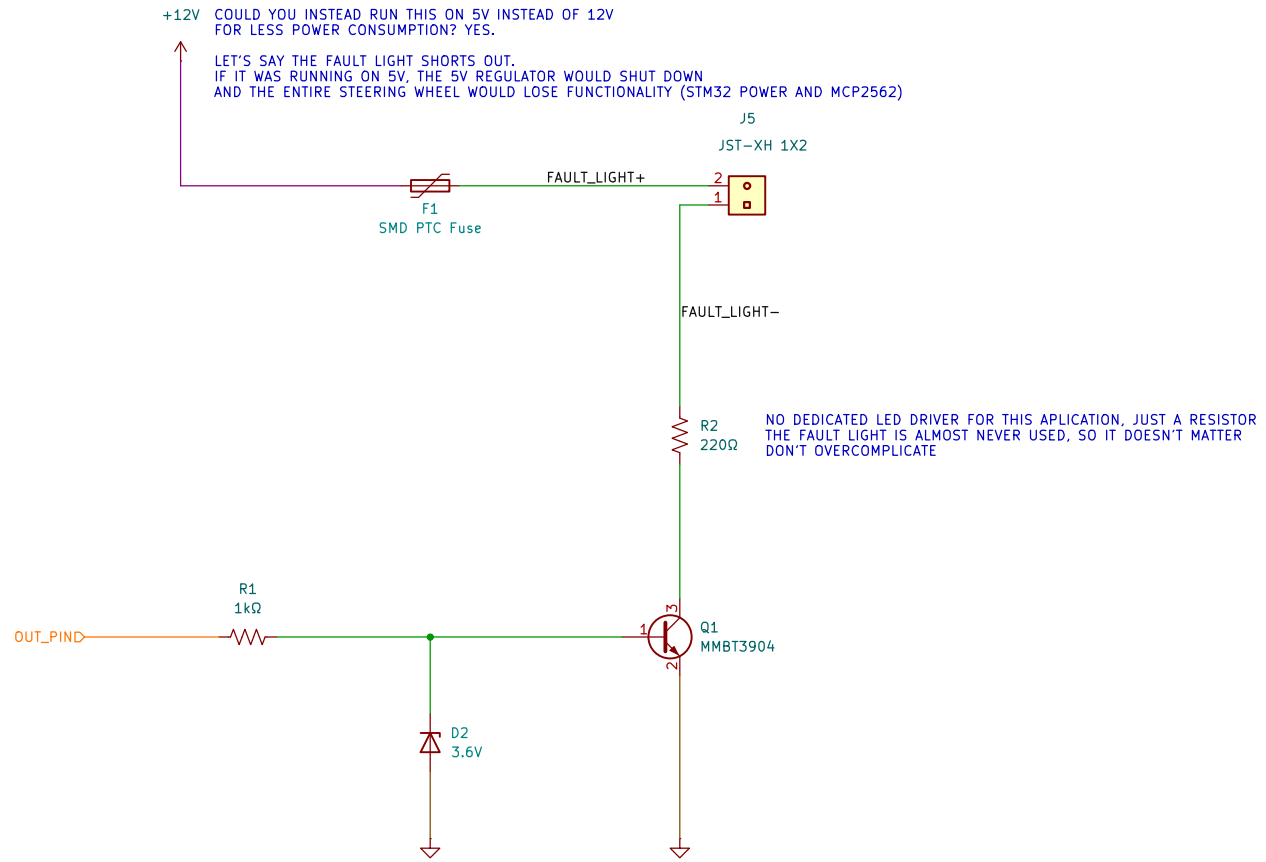


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /
File: STeering_wheel.kicad_sch

Title: Steering Wheel STM32 CAN Module

Size: B	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 1/15

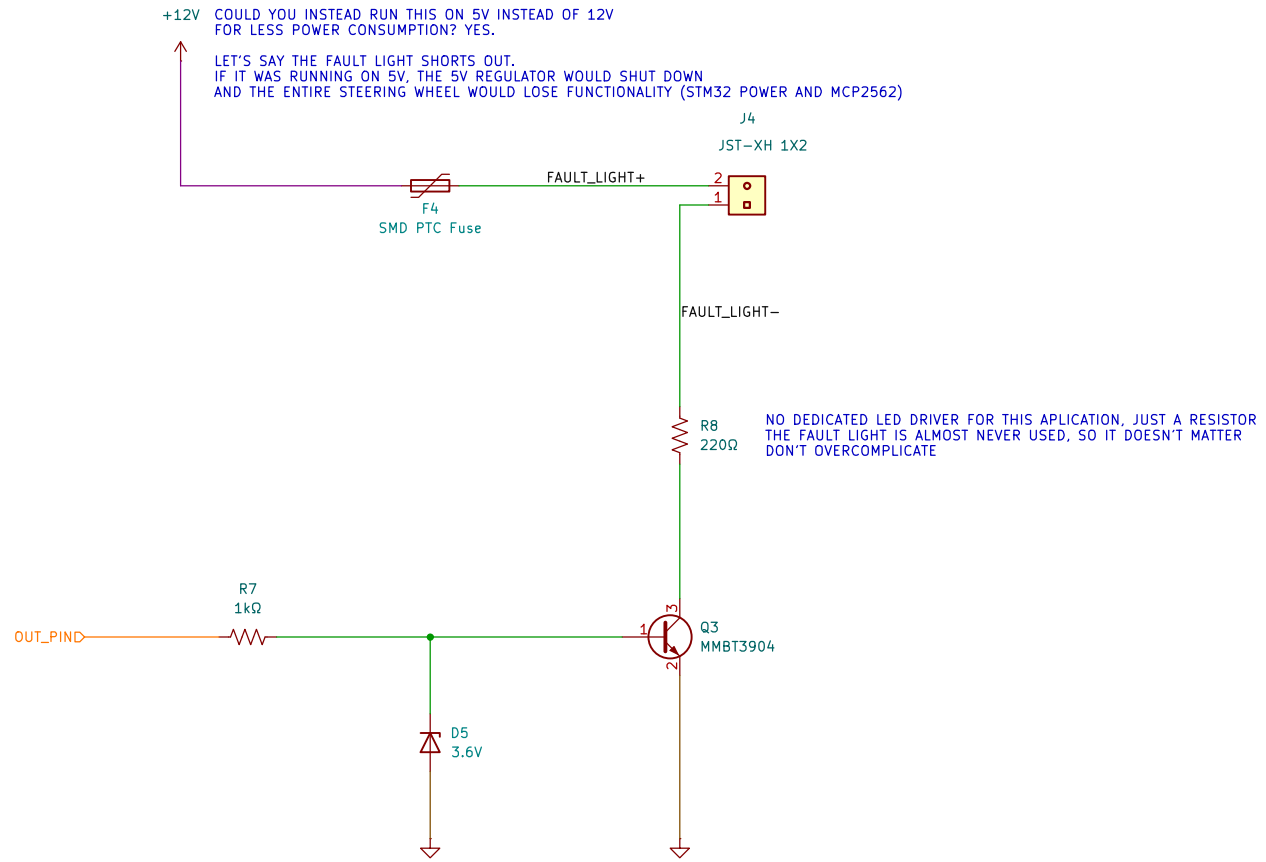


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /A6_OUTPUT_STAGE/
File: FET_output_stage.kicad_sch

Title: FET Output Stage

Size: A	Date: 2025-02-22	**Rev:**
KiCad E.D.A. 8.0.6		Id: 2/15

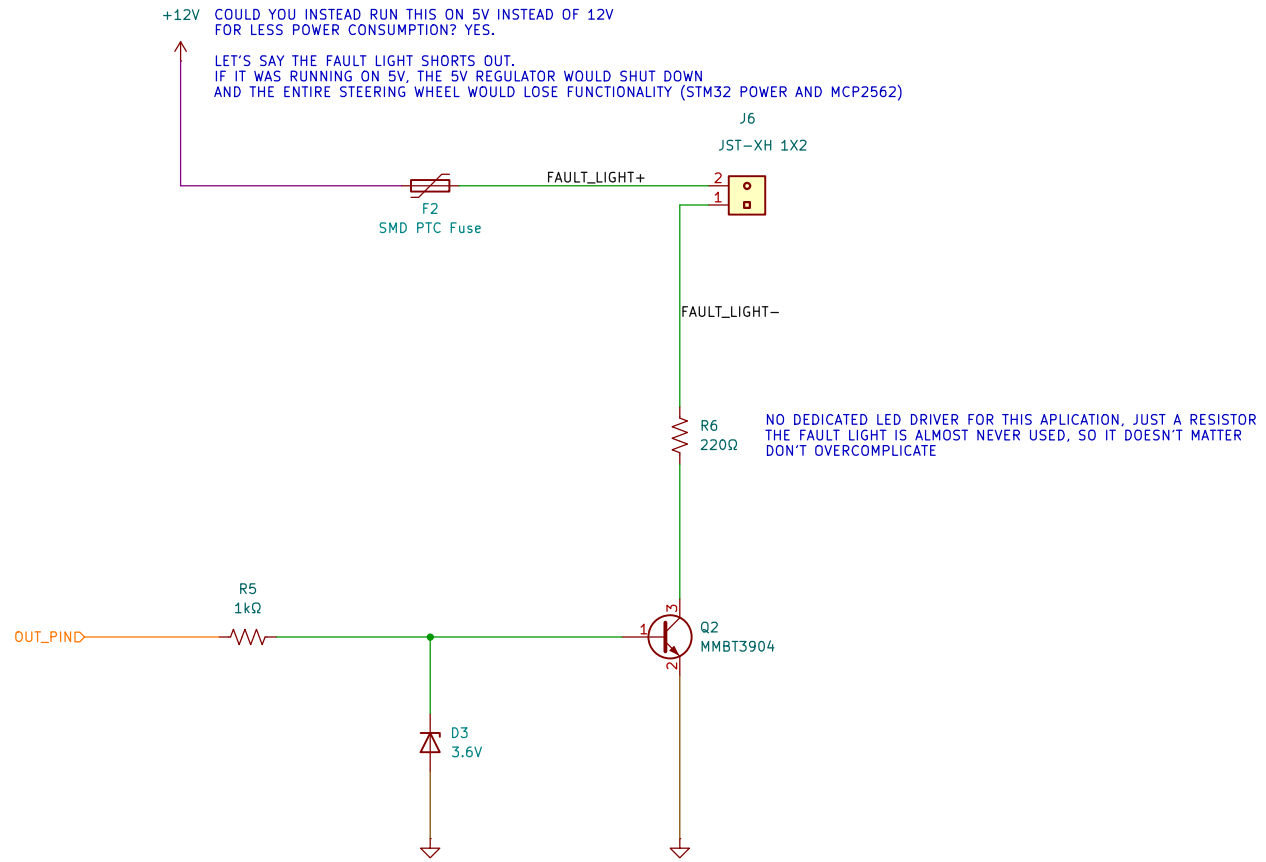


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /A2_OUTPUT_STAGE/
File: FET_output_stage.kicad_sch

Title: FET Output Stage

Size: A	Date: 2025-02-22	**Rev:**
KiCad E.D.A. 8.0.6		Id: 3/15

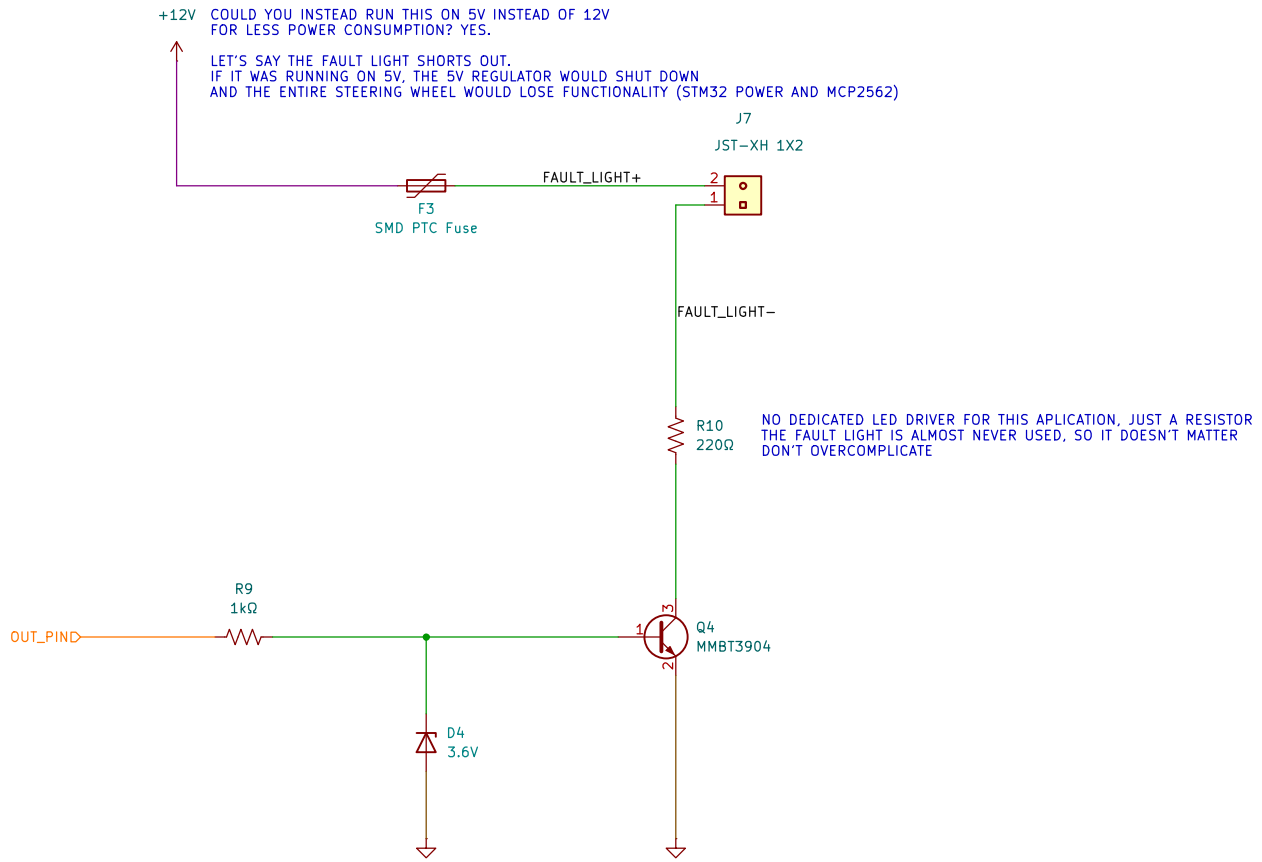


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /A9_OUTPUT_STAGE/
File: FET_output_stage.kicad_sch

Title: FET Output Stage

Size: A	Date: 2025-02-22	**Rev:**
KiCad E.D.A. 8.0.6		Id: 4/15

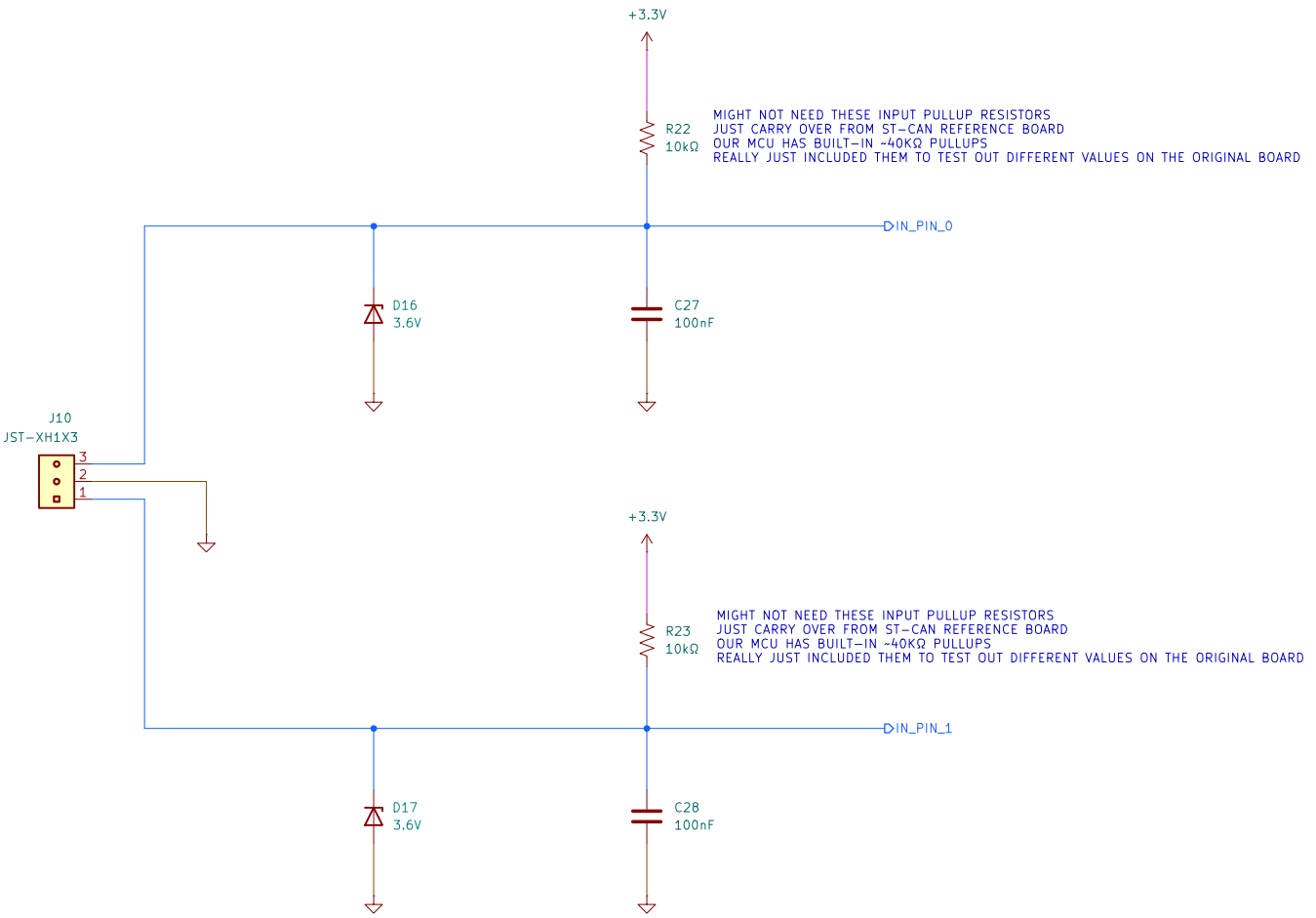


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /A12_OUTPUT_STAGE/
File: FET_output_stage.kicad_sch

Title: FET Output Stage

Size: A	Date: 2025-02-22	**Rev:**
KiCad E.D.A. 8.0.6		Id: 5/15

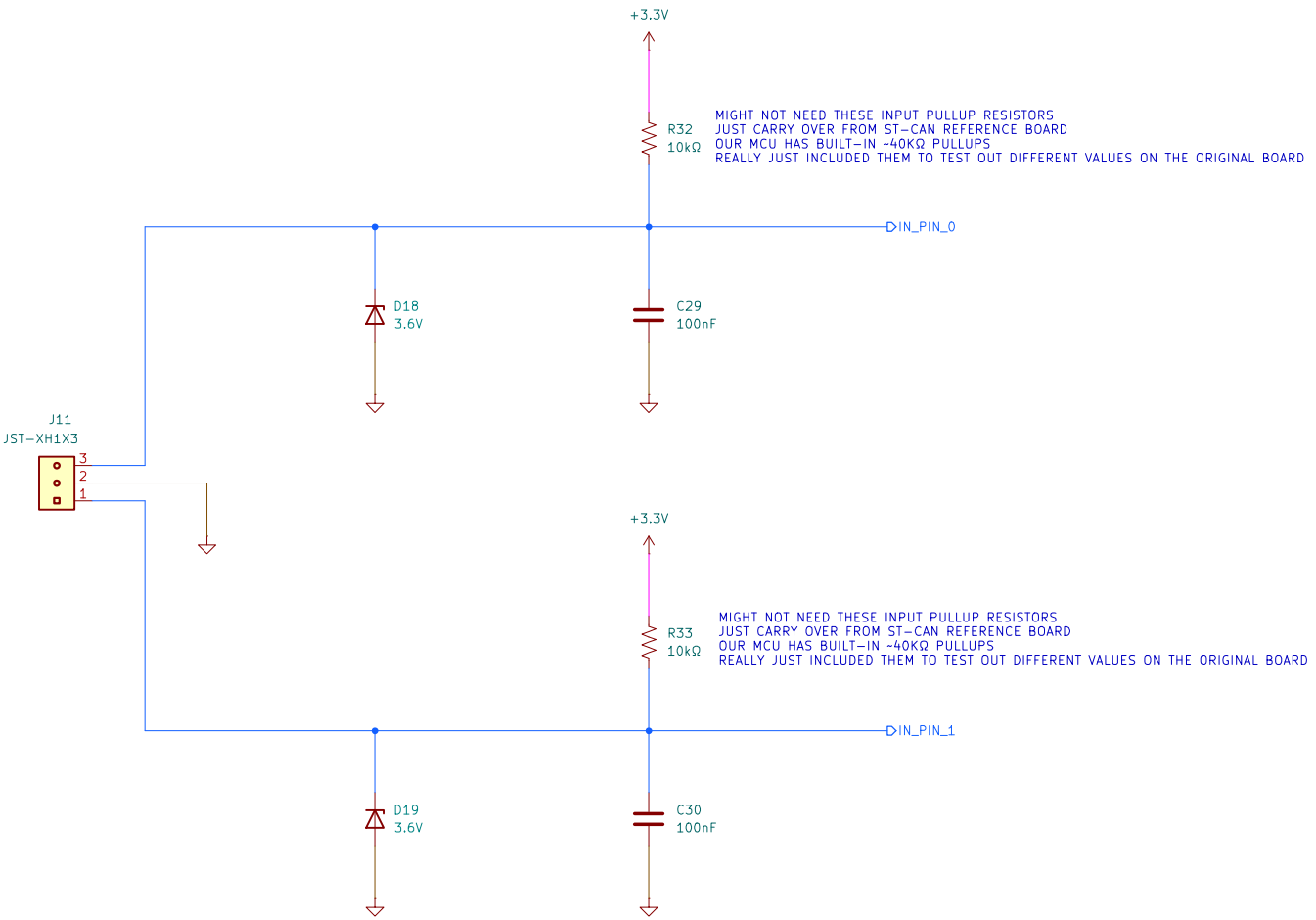


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B5_B6_INPUT_STAGE/
File: tandem_input_stage.kicad_sch

Title: Tandem Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 8/15

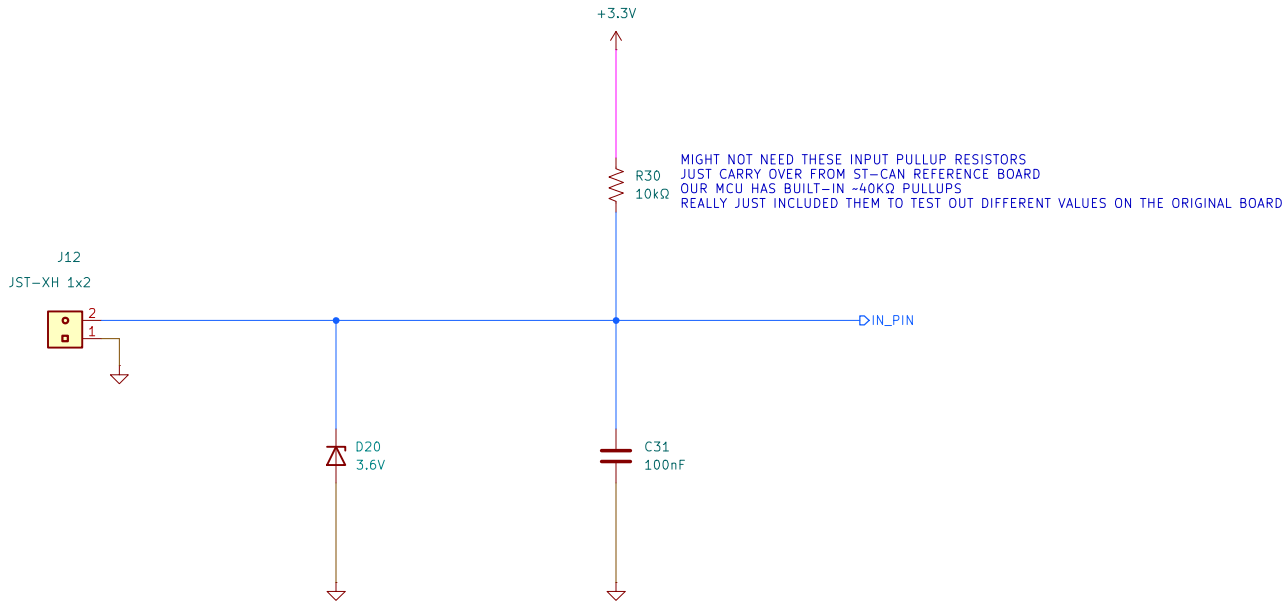


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B11_B12_INPUT_STAGE/
File: tandem_input_stage.kicad_sch

Title: Tandem Digital Input Stage

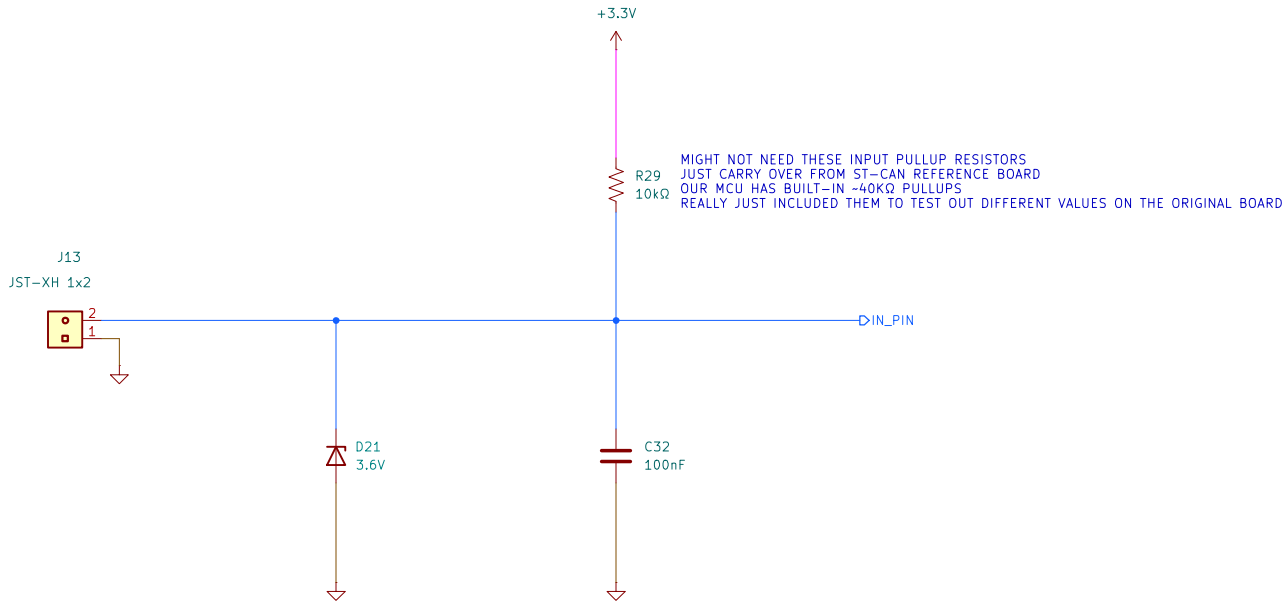
Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 9/15



Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech
Sheet: /B2_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 16/15

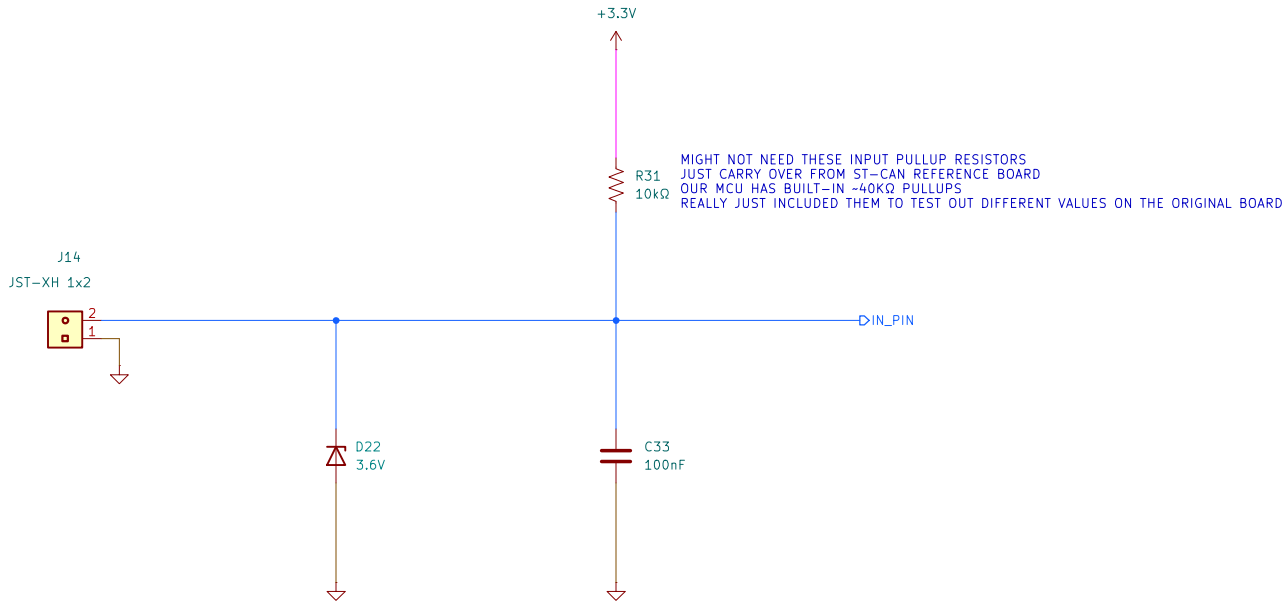


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B1_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 17/15

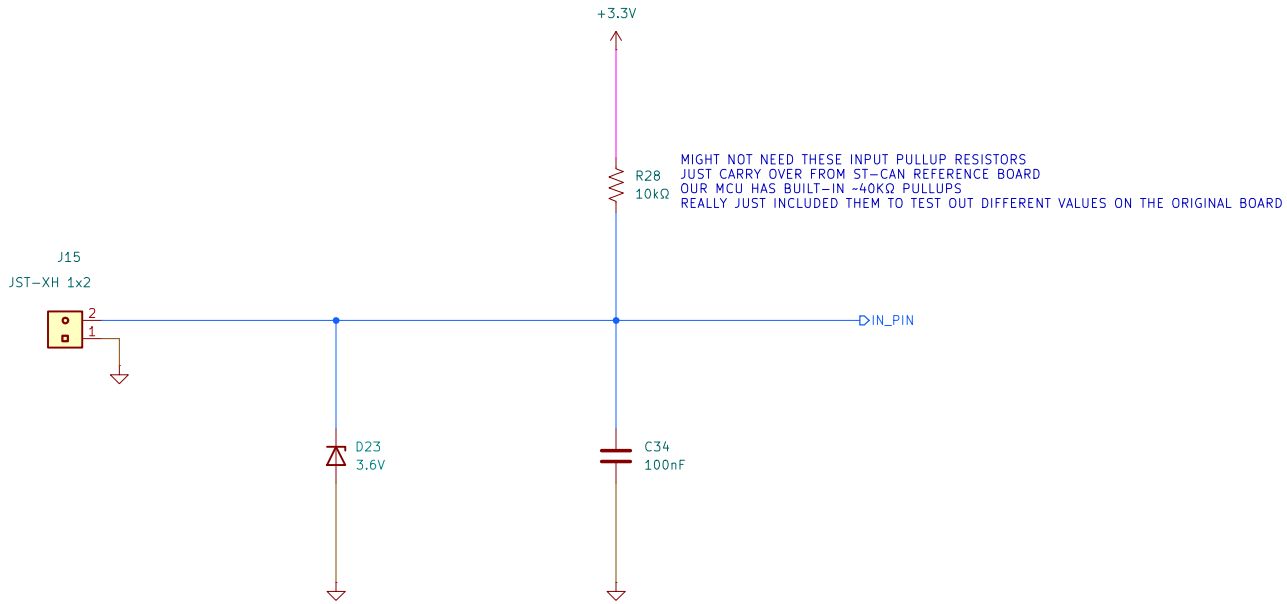


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B10_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 18/15

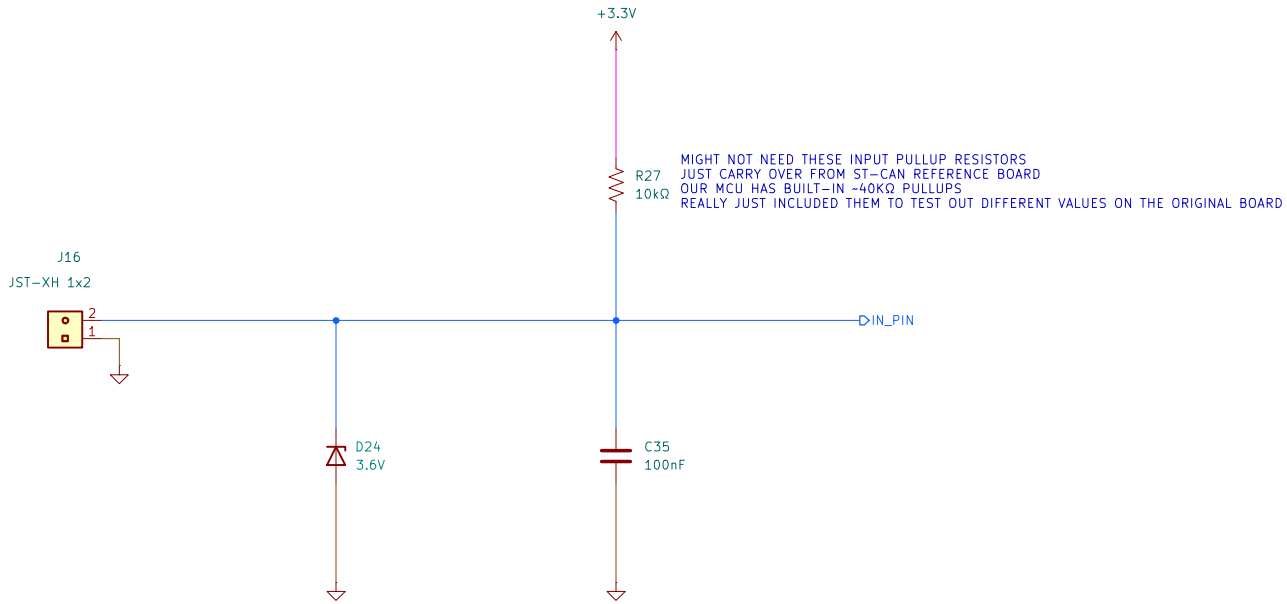


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B13_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

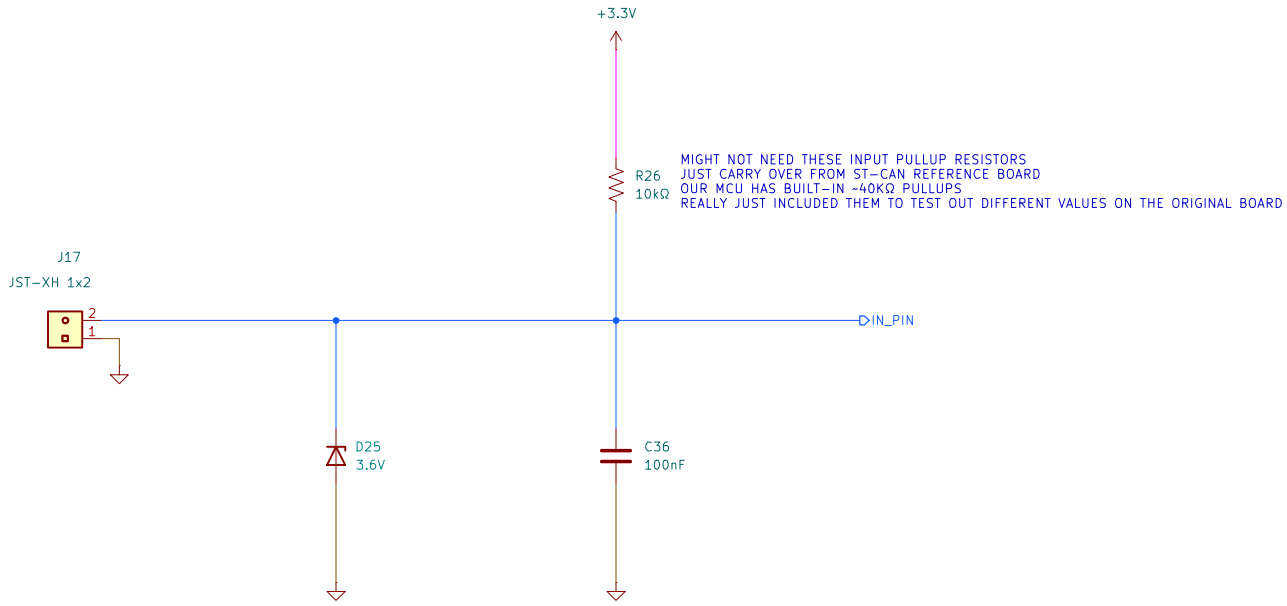
Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 19/15



Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech
Sheet: /B14_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 20/15

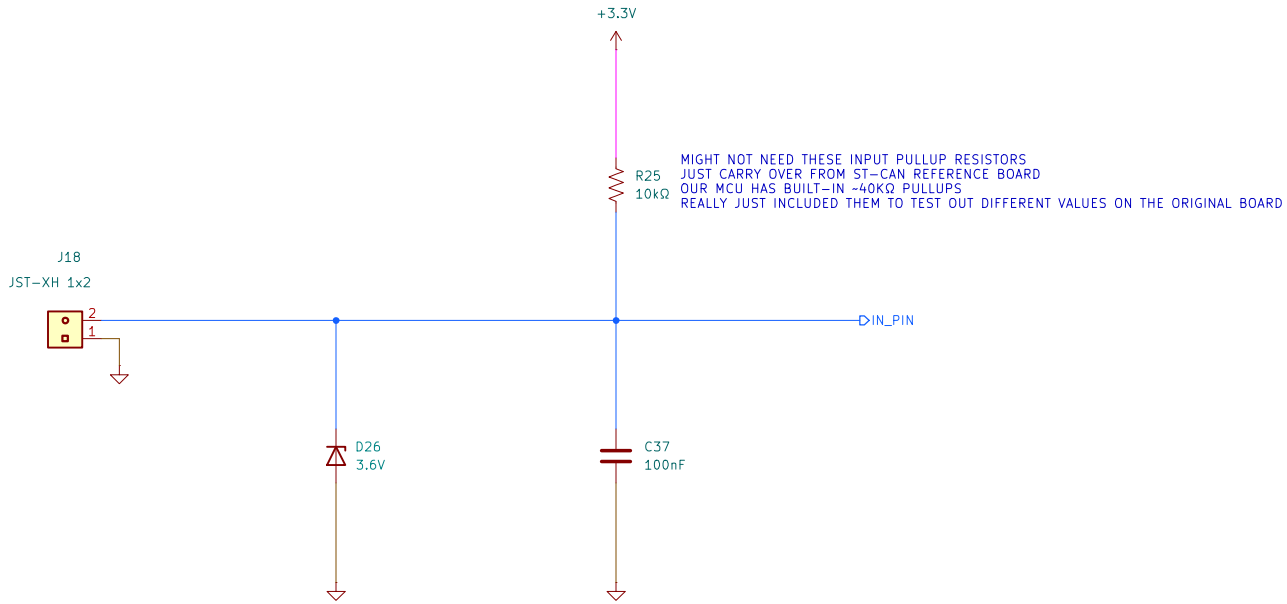


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B9_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 21/15

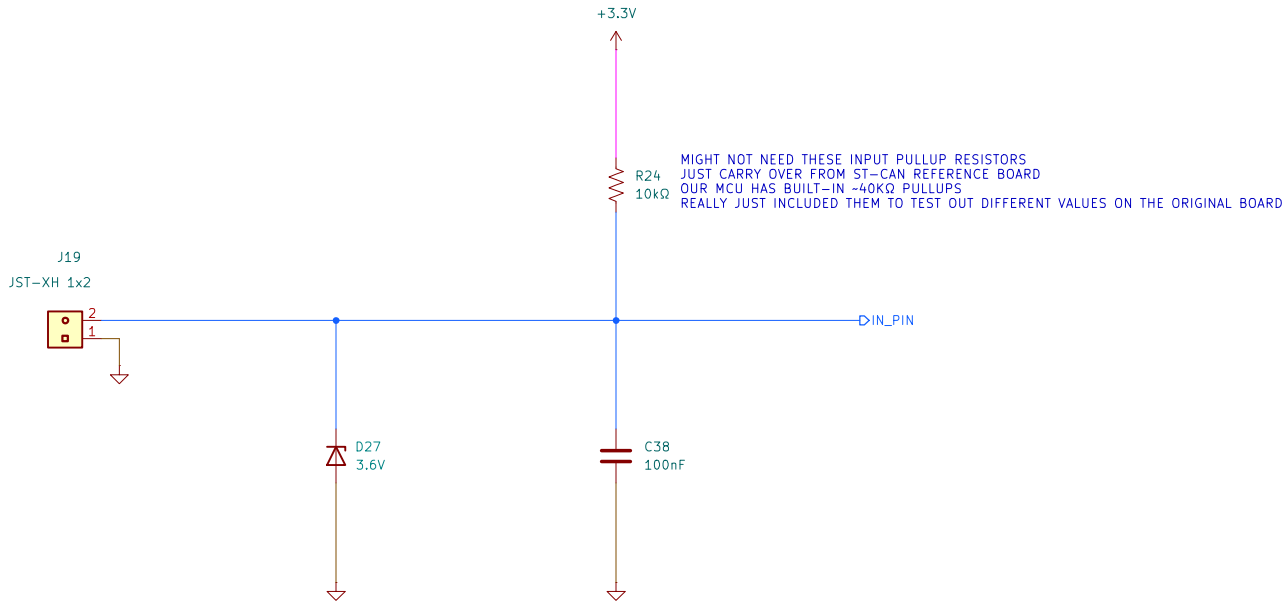


Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech

Sheet: /B8_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 22/15



Author: Bryce Mooney
https://github.com/BryceMvt/STeering-wheel
SolarCar at Virginia Tech
Sheet: /B7_INPUT_STAGE/
File: input_stage.kicad_sch

Title: Digital Input Stage

Size: A4	Date: 2025-02-22	**Rev: –**
KiCad E.D.A. 8.0.6		Id: 23/15