

Page 2

Page2.sch

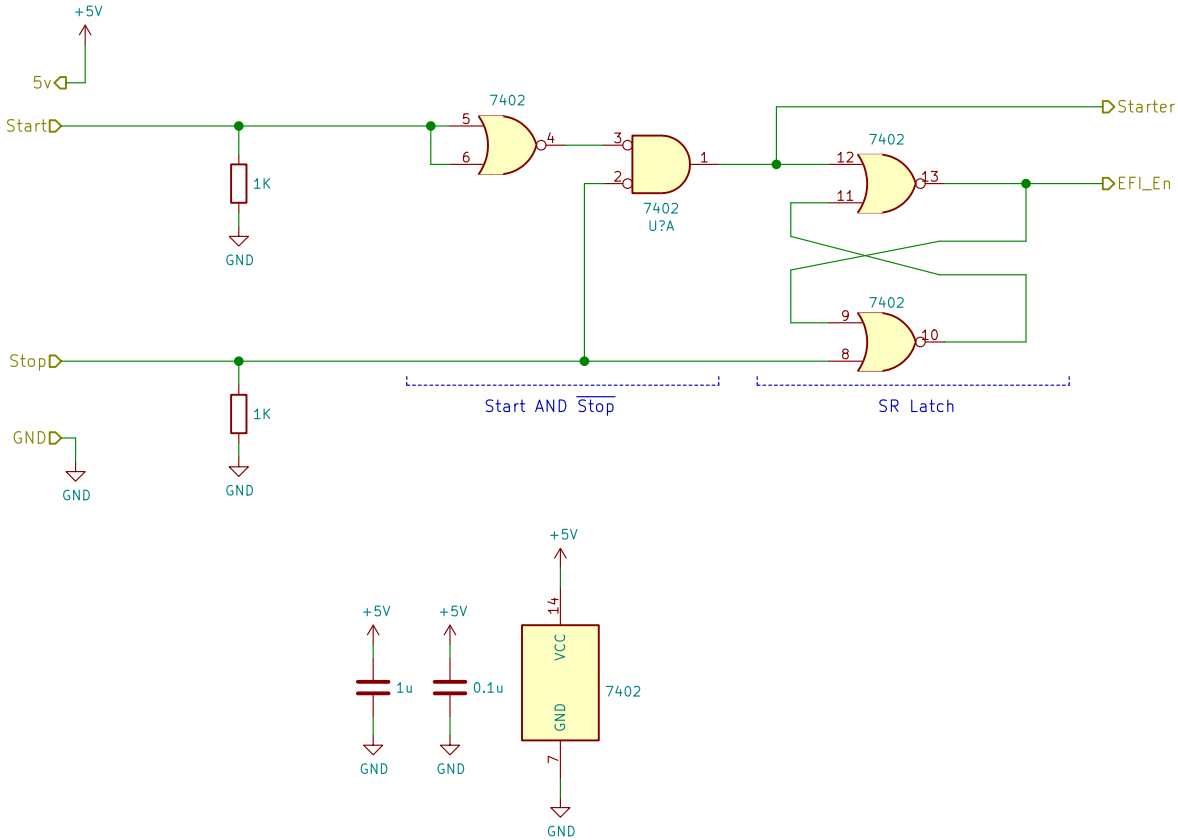
Samuel Ellicott
Tineka Witt
Cedarville Supermileage
Sheet: /
File: KarkSchematics.sch

Title: Kark – Gasoline Prototype

Size: USLetter Date: 2019-05-17
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EFI Latch System

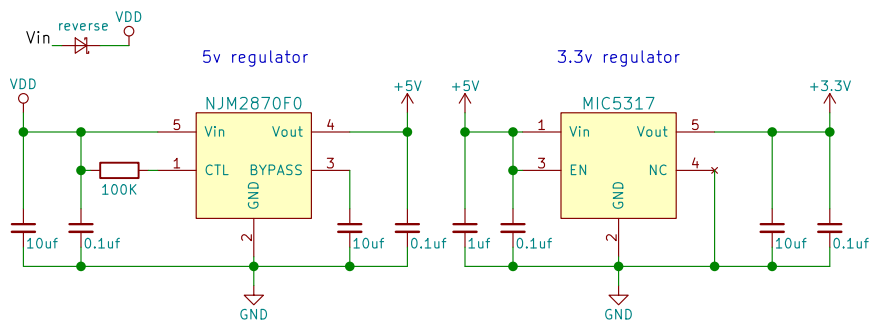


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Sheet: /EFI Latch/
File: EFI_latch.sch

Title: Kark – Gasoline Prototype

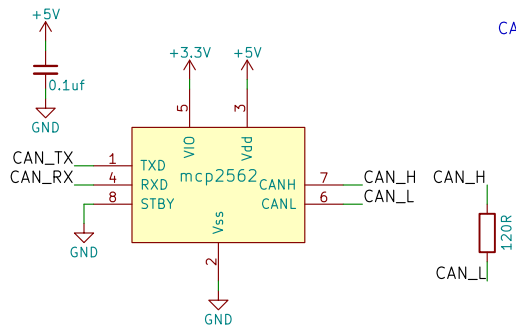
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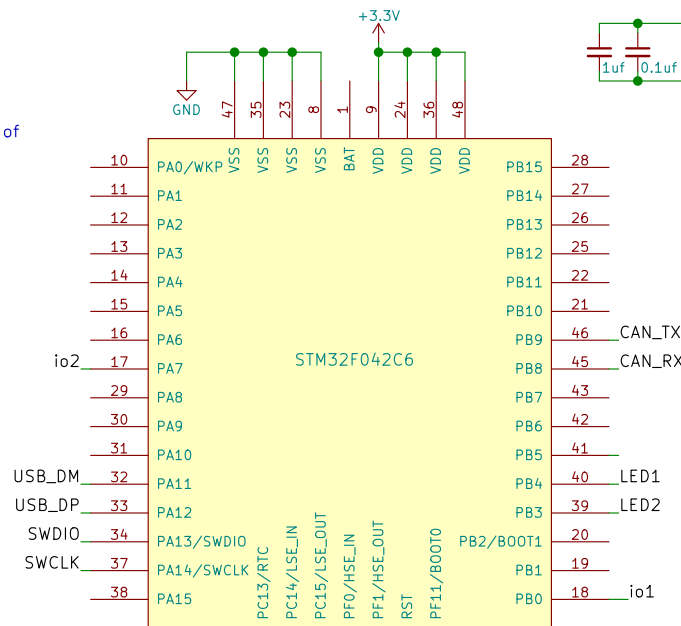
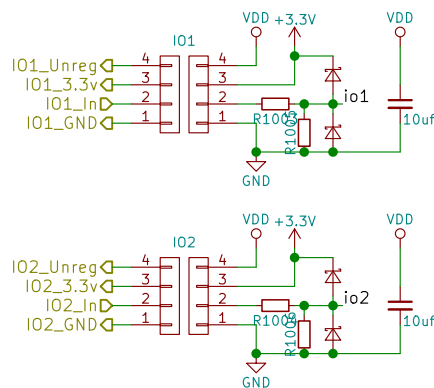
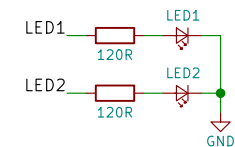
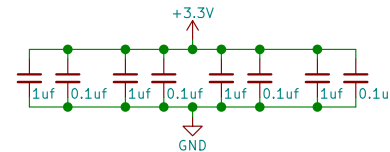
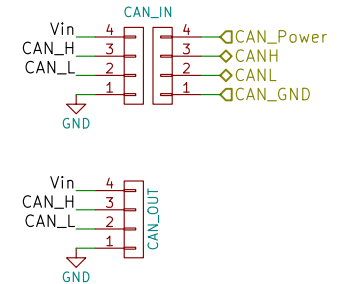


R2, R5 and R3, R6 form a resistor divider for attenuating input signals. R5 and R6 could be replaced by a capacitor for input debouncing/low pass filter.

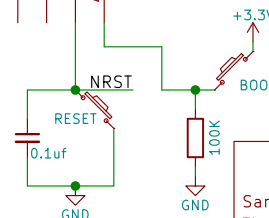
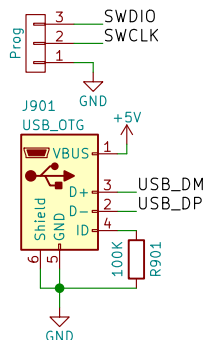
D1, D2, D3, and D4 hopefully provide some sort of voltage spike protection. However, I would not trust it overly much, as it depends on the current sinking ability of the 3.3v regulator.



CAN_OUT is a pass through connector for CAN.



On Chip Debugging connector. Use a stm32 Discovery board, or a STLinkv2 board.



To program through USB, hold down the BOOT button and reset the uC.

Full schematics with reference numbers are in the can_sensor folder in the supermileagehw git repo at <https://github.com/HEEV/supermileageHW>

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Sheet: /Page 2/Sensors/
File: CanNode.sch

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