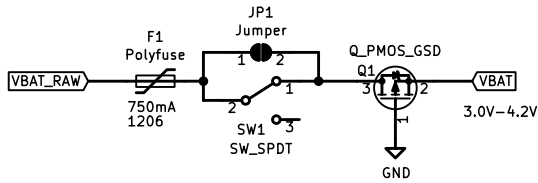
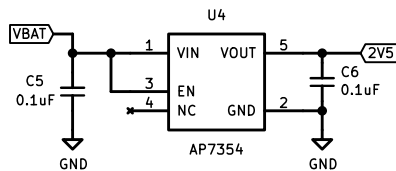


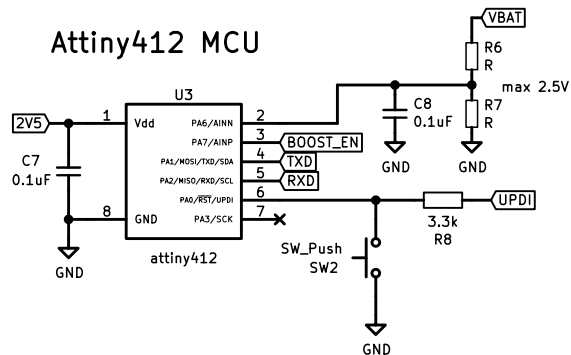
Battery input and protection



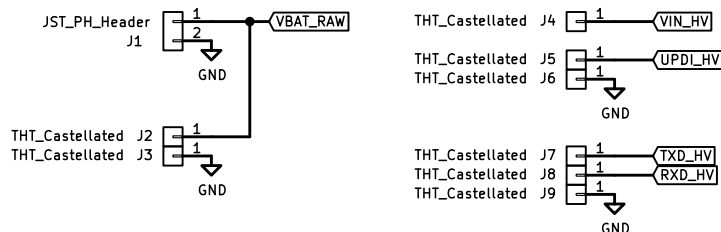
2.5V supply for MCU



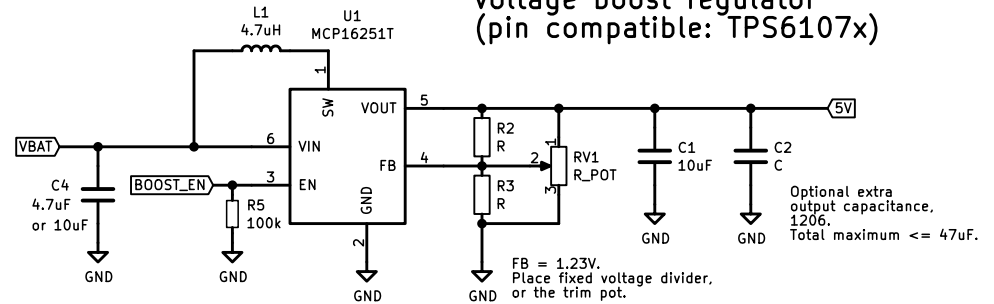
Attiny412 MCU



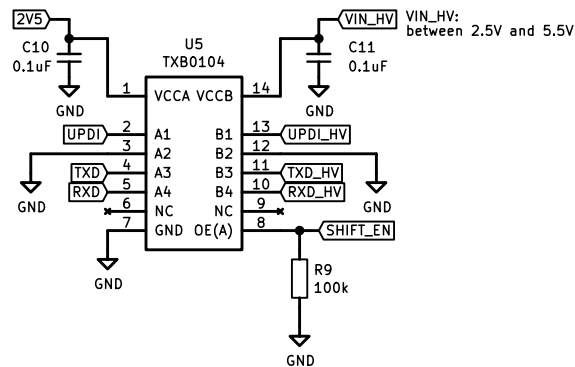
External connectors, headers, etc



MCP16251T (SOT-23-6) voltage boost regulator (pin compatible: TPS6107x)



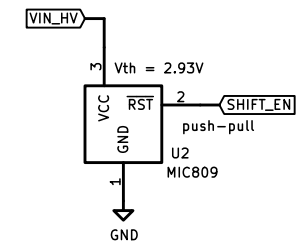
Level shifter for interfacing MCU



Boost output to VIN_HV



Supervisor for level shifter



Vlad Belous
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Sheet: /
File: mcp16251-tiny412-boost.sch

Title: MCP16251T + Attiny412 step-up board

Size: USLetter Date: 2019-01-21
KiCad E.D.A. kicad (5.0.1-3-g963ef8bb5)

Rev: 1
Id: 1/1