

Mechduino based board with better drivers and some additional improvements
Thomas Pointhuber

Sheet: /
 File: HighPower-Mechduino.sch

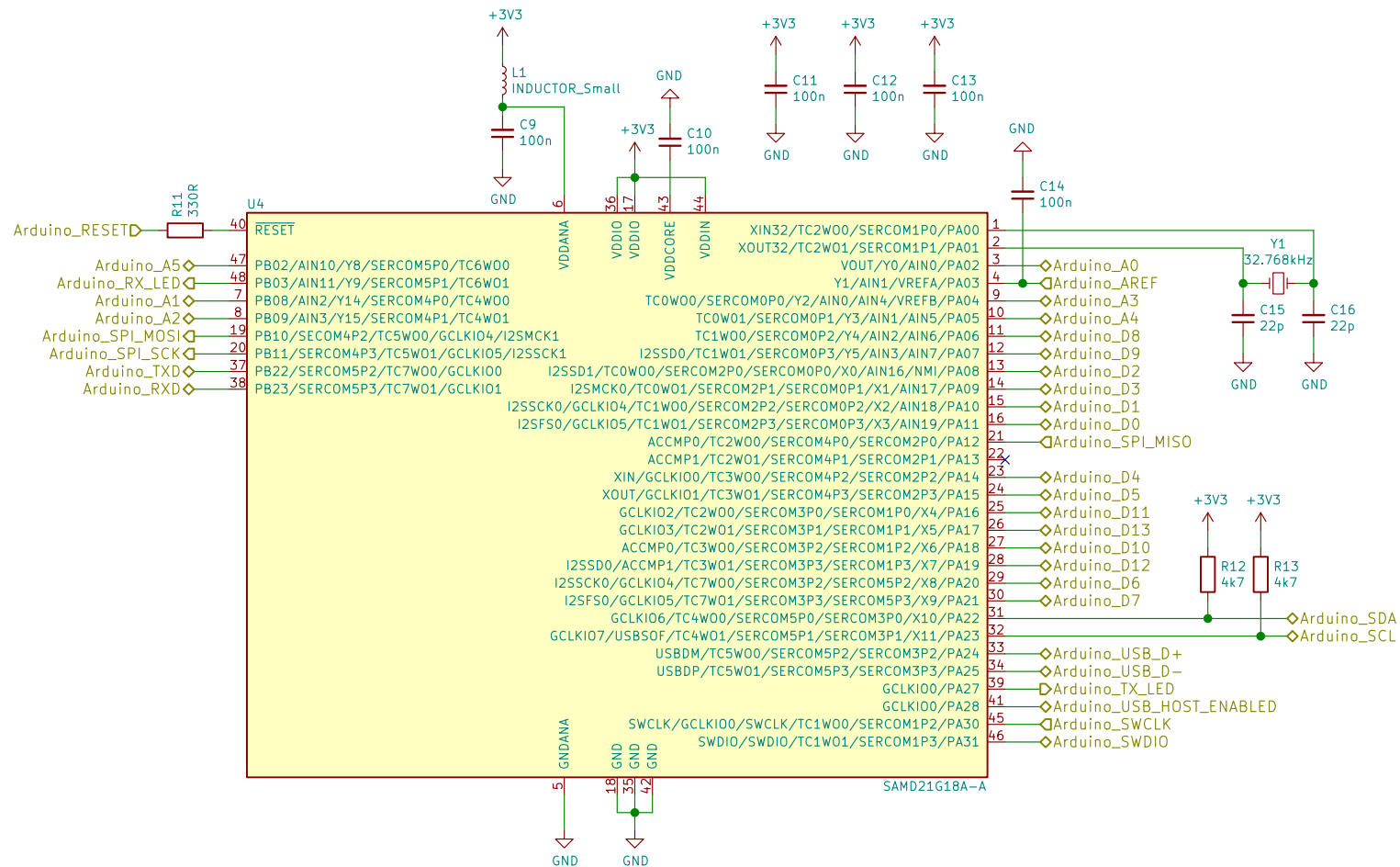
Title:

Size: A4 Date: 2016-10-15

KiCad E.D.A. kicad (2016-09-30 revision c9fec4a)-master

Rev: 0.1

Id: 1/7



Minimal Schematic to create an Arduino Zero compatible board

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Sheet: /Arduino_Zero_Base/

File: Arduino_Zero_Base.sch

Title: Arduino Zero base schematic

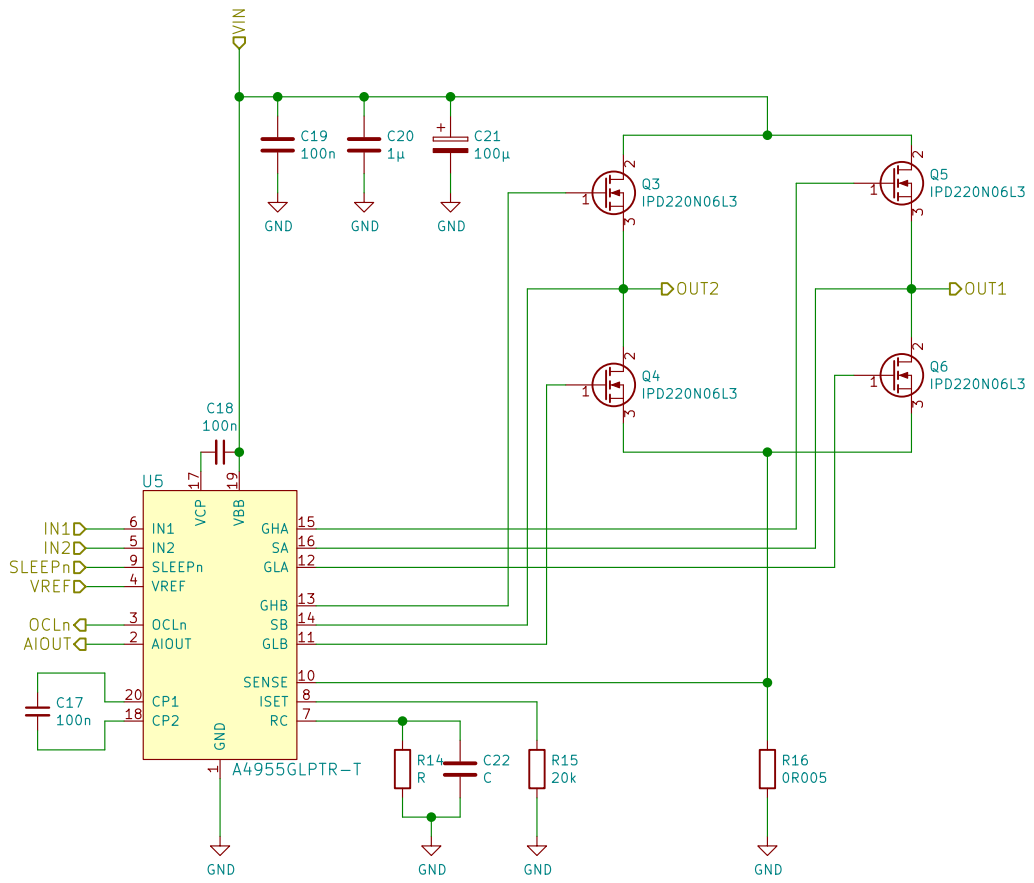
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Date: 2016-10-15

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Id: 2/7



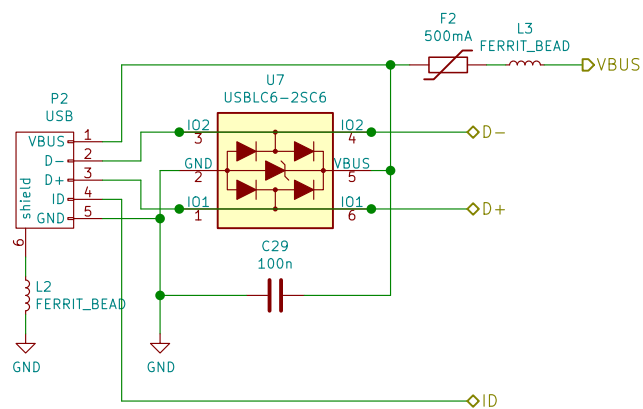
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Sheet: /PWM_Bridge_A4955-A/
File: PWM_Bridge_A4955.sch

Title: A4955 PWM Bridge

Size: A4	Date: 2016-10-22	Rev: 0.1
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Sheet: /Protected_USB_Supply/

File: Protected_USB_Supply.sch

Title: USB input including protection circuit

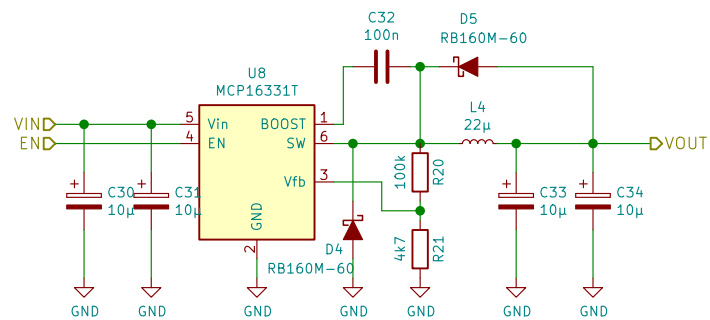
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Date: 2016-10-22

Rev: 0.1

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Id: 5/7



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Sheet: /MCP16331_5V/

File: MCP16331_5V.sch

Title: Step Down with input range of 10V-50V

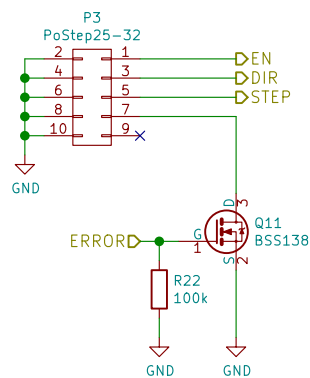
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Date: 2016-10-22

Rev: 0.1

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Sheet: /PoStep25-32_galvanic/
File: PoStep25-32_galvanic.sch

Title: ProStep25-32 input including optional galvanic separation

Size: A4 Date: 2016-10-22 Rev: 0.1

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