

Sheet: Microcontroller



File: Microcontroller.sch

Sheet: IO



File: IO.sch

Sheet: Power_Supply



File: Power_Supply.sch

Sheet: /

File: BusInterface.sch

Title:

Size: A4

Date: 2020-02-25 14:24:32 +0000, Commit 43c8592

Rev:

Plotted by eeshow 71c9248 20180723-15:25Z

Id: 1/6

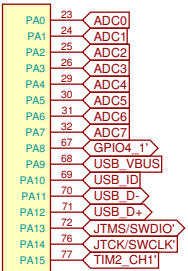
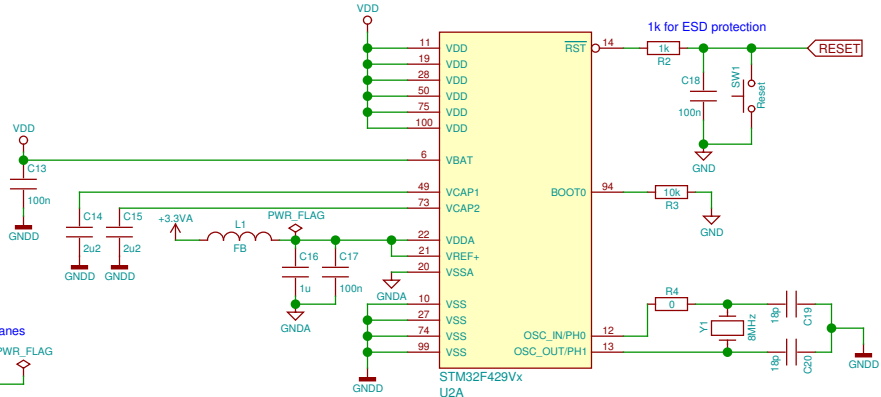
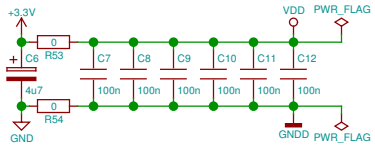
A

B

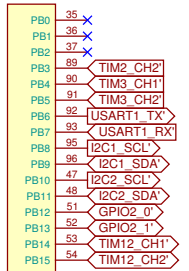
C

D

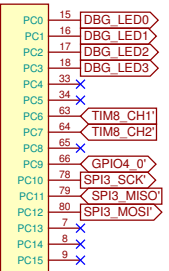
uC bypass capacitors
0 Ohm resistors are net ties for local uC power planes



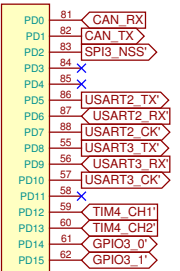
STM32F429Vx
U2B



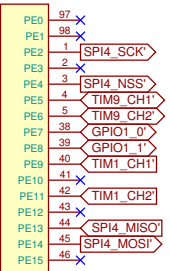
STM32F429Vx
U2C



STM32F429Vx
U2D

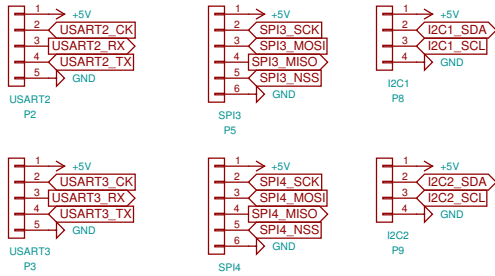


STM32F429Vx
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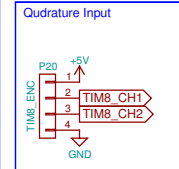
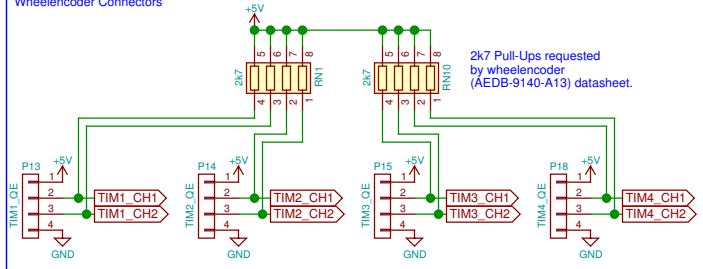


STM32F429Vx
U2F

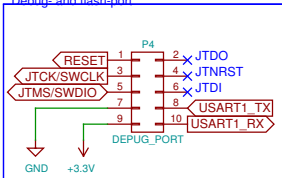
Digital Interfaces



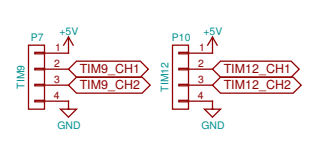
Wheelencoder Connectors



Debug- and flash-port



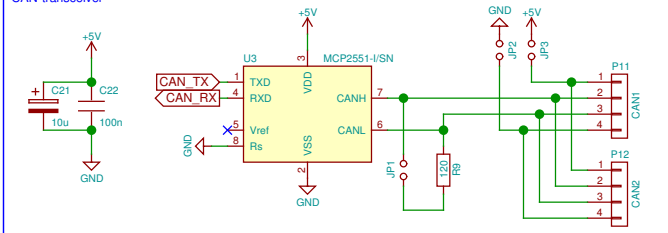
General Purpose Timer Connectors



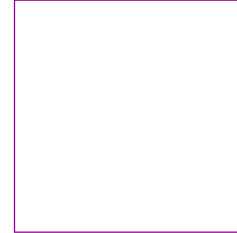
GPIO Connectors



CAN-transceiver



Sheet: Protection



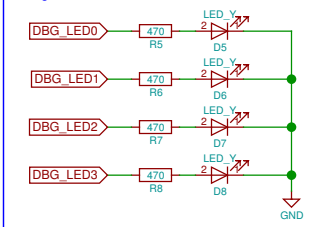
File: Protection.sch

Sheet: Analog

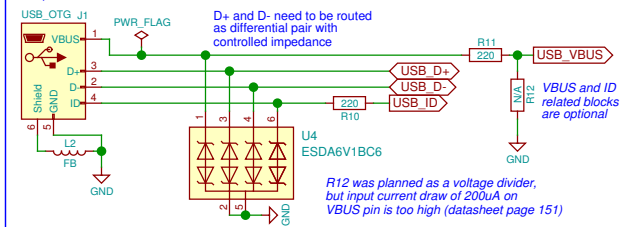


File: Analog.sch

Debug LEDs

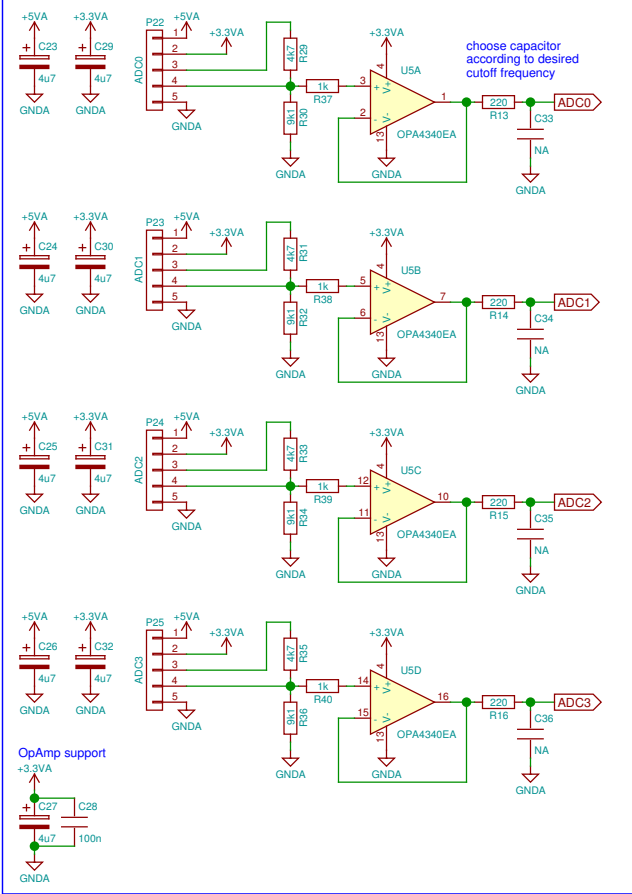


USB port



Sheet: /IO/		Date: 2020-02-25 14:24:32 +0000, Commit 43c8592	
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Standard Analog Input



ADC Input for HiZ sources (only 5V supported)

