

VDD2

XTAL\_I

XTAL\_0

A1 B1

<u>B2</u> ADC0

D4

C4 GND

Maximum power consumption for A and B rails:

strength states: 2 mA, 4 mA, 8 mA, 12 mA

(refer to datasheet page 92)

EOS S3

LDO mode: 65mA (VCCIOA) 114mA (VCCIOB) LDO bypass mode: 77mA (VCCIOA) 269mA (VCCIOB)

The multi-functional IOs have four programmable drive

GND

SYS\_RSTn

FSOURCE

STM

GND

AGNE

RST\_N

B7 12C\_SDA

A7 I2C\_SCL

D2 LED\_R

D3 LED\_G

F3 R\_USB\_N

R\_USB\_P

SPI\_SCLK

SPI\_MISO

SPI\_MOSI

UART\_TX

UART\_RX

FBIO\_19 and FPIO\_20 are bootstrap pins for SPI flash boot.

They must be pulled low

F4 LED\_B

F6 SPI\_SS

SDA\_0

SCL\_0

FBI0\_23

FBI0\_24

FBI0\_25

FBI0\_28

FBI0\_29

FBIO\_30

FBIO\_31

FBIO\_17/SPI\_SLAVE\_CLK E1

FBIO\_20/SPI\_SLAVE\_SSn

FBIO\_19/SPI\_SLAVE\_MOSI

FBIO\_34/SPI\_MASTER\_CLK

FBIO 36/SPI MASTER MISO

FBIO\_39/SPI\_MASTER\_SSn1

FBIO\_38/SPI\_MASTER\_MOSI E6

FBIO\_43/AP\_INTERRUPT D7

FBIO\_45/SW\_DP\_CLK

FBIO\_44/SW\_DP\_IO E7

GND

+3V3

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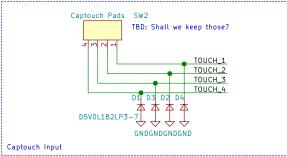
J3 ~ ~ ~

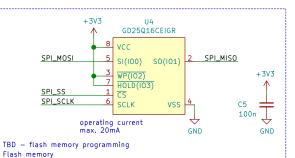
10k

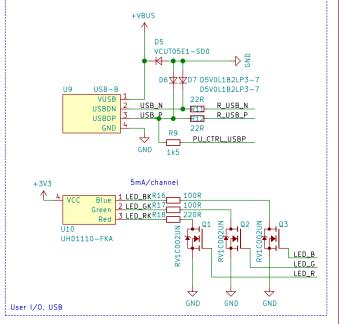
22-23-2021

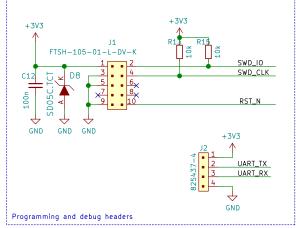
R6

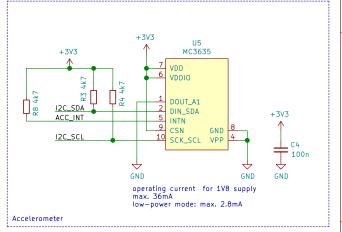
PU\_CTRL\_USBP

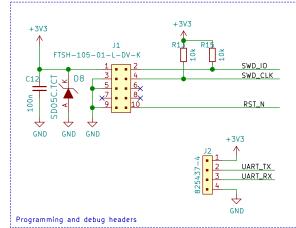


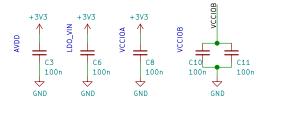
















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File: qomu-board.sch		미
Title: Qomu Board		

Size: A4 Date: Rev: KiCad E.D.A. eeschema 5.1.4-e60b26684ubuntu18.04.1 ld: 1/1