

1

2

3

4

5

6

7

8

A

B

C

D

E

REV	Description	DATE	BY
v1.0	Initial Version	2019.08.08	weifeng.zeng

CC-BY-SA

Seeed Studio

TITLE: Spartan Edge Accelerator Board v1.0

Design: weifeng.zeng

Check:

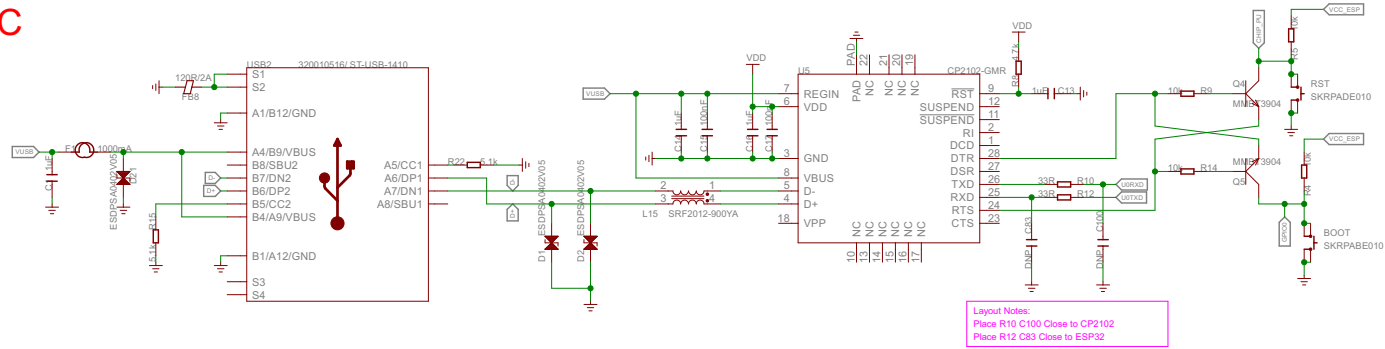
Date: 2019/8/23 10:24:03

Vision: v1.0

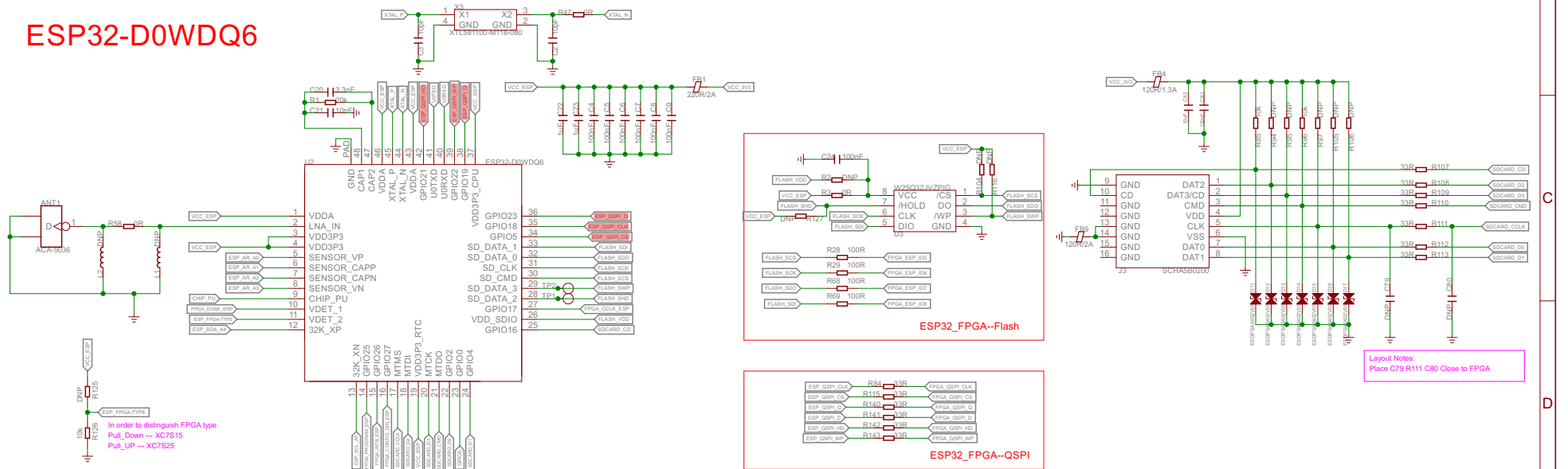
Sheet: 1/1



USB_Type C

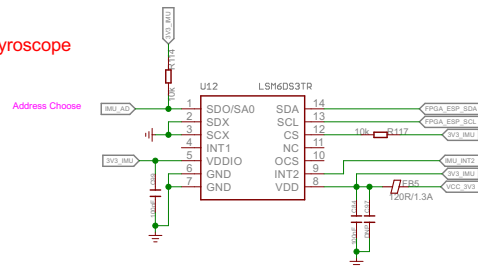


ESP32-D0WDQ6



6-Axis

Accelerometer and Gyroscope



Seeed Studio

TITLE: Spartan Edge Accelerator Board v1.0

CC-BY-SA

Design: weifeng.zeng

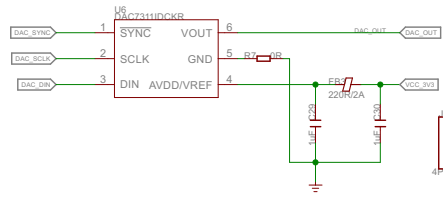
Check:

Date: 2019/8/23 10:24:03

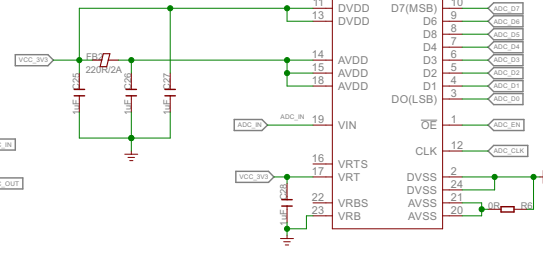
Vision: v1.0

Sheet: 1/1

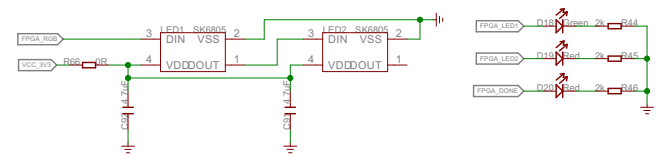
DAC



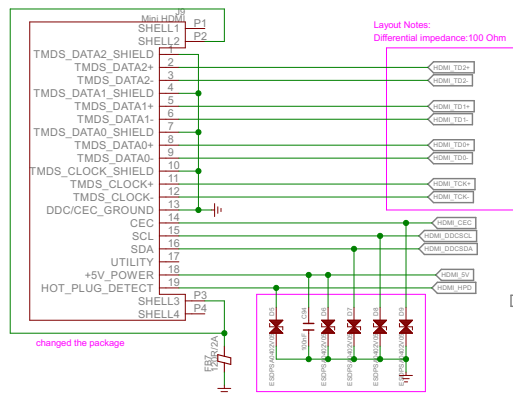
ADC



LED

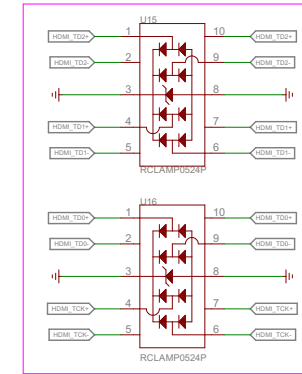
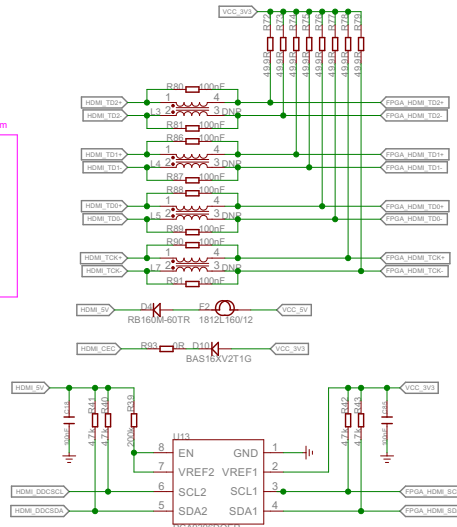


Mini HDMI



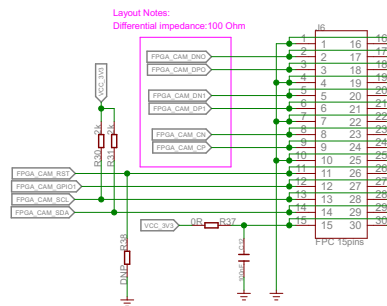
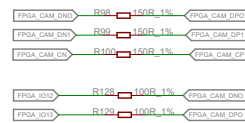
Layout Notes:
Differential impedance:100 Ohm

Layout Notes:
ESD Protection Diodes
close to HDMI Connector.



Layout Notes:
ESD Protection Diodes
close to HDMI Connector.

MIPI CAMERA



Layout Notes:
Differential impedance:100 Ohm

Seeed Studio

TITLE: Spartan Edge Accelerator Board v1.0

CC-BY-SA

Design: weifeng.zeng

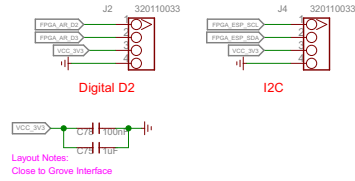
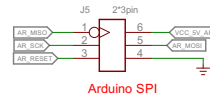
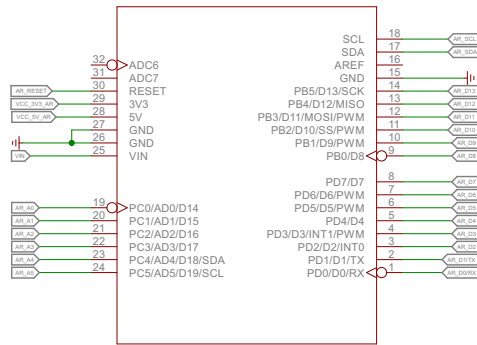
Check:

Date: 2019/8/23 10:24:03

Vision: v1.0

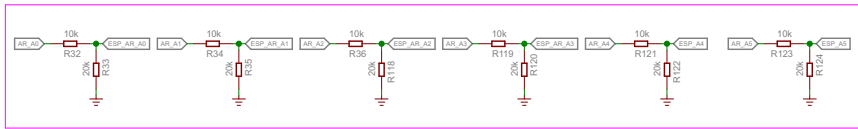
Sheet: 1/1

Arduino Interface

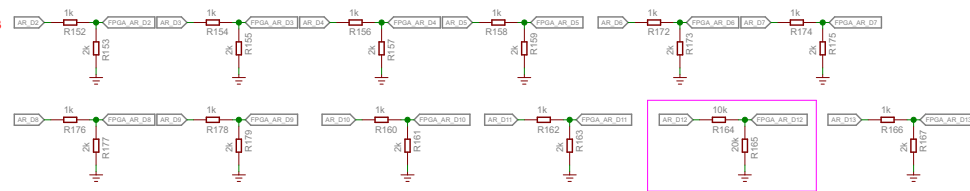


Layout Notes:
Close to Grove Interface

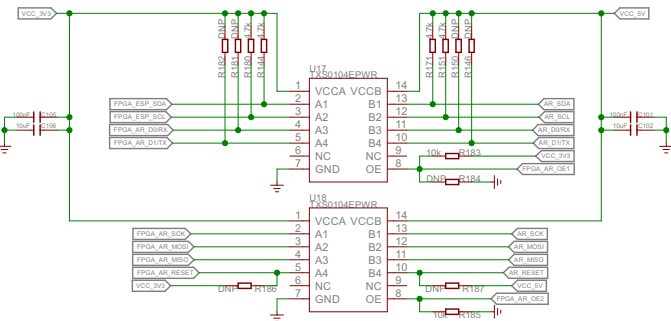
Arduino Analog Pins: A0~A5



Arduino Digital Pins: D2~D13



Arduino I2C Uart SPI Pins:



[illegible]

TITLE: Spartan Edge Accelerator Board v1.0

CC-BY-SA

Design: weifeng.zeng

Check:

Date: 2019/8/23 10:24:03

Vision: v1.0

Sheet: 1/1