

123456

A

Power

Pin Port

CRYSTAL

MCU

USB

File: Power.kicad\_sch

File: Pin Port.kicad\_sch

File: CRYSTAL.kicad\_sch

File: MCU.kicad\_sch

File: USB.kicad\_sch

Sheet: /  
File: [Chap 4 STM32F4 Core ],kicad\_sch

Title:

Size: A4

KiCad E.D.A. 9.0.4

Date:

Rev:

Id: 1/6

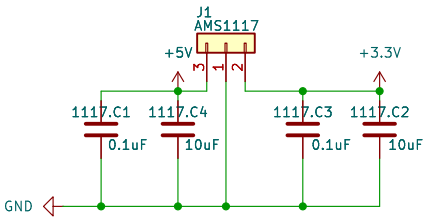
B

C

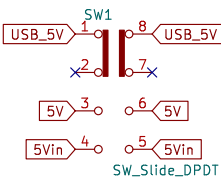
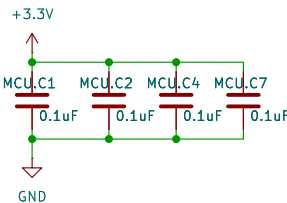
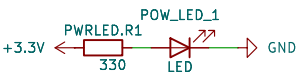
D

123456

Voltage Regulator



POWER\_LED



Sheet: /Power/  
File: Power.kicad\_sch

Title:

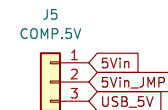
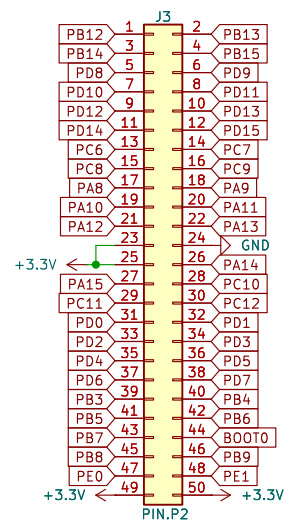
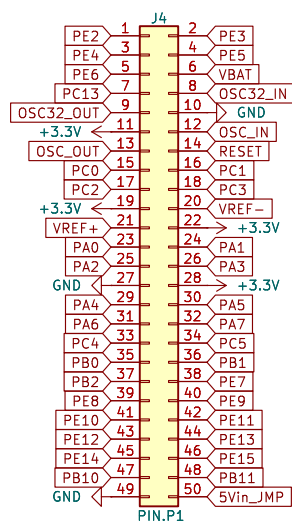
Size: A4

Date:

KiCad E.D.A. 9.0.4

Rev:

Id: 2/6



Sheet: /Pin Port/  
File: Pin Port.kicad\_sch

**Title:**

Size: A4

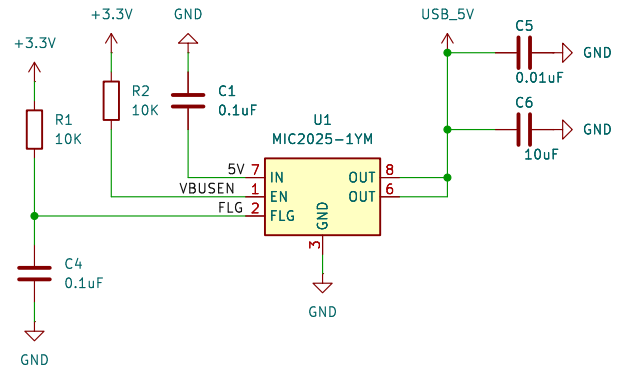
Date:

KiCad E.D.A. 9.0.4

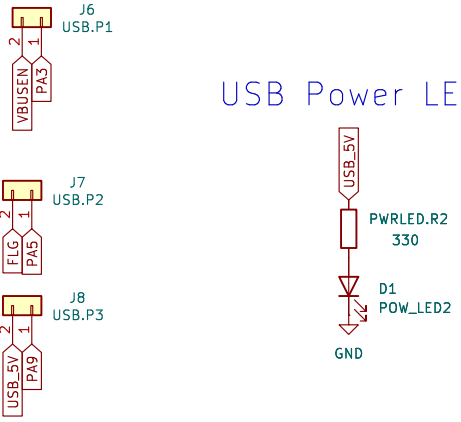
**Rev:**

Id: 4/6

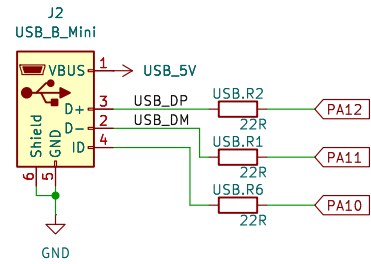
USB Power Switch IC



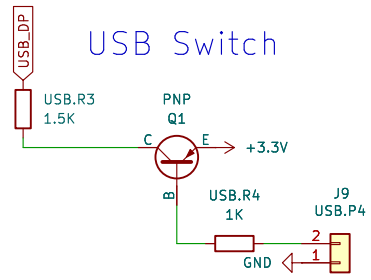
USB Power LED



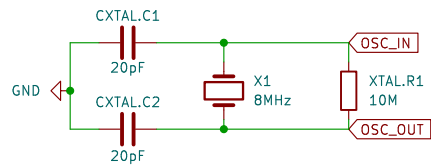
USB



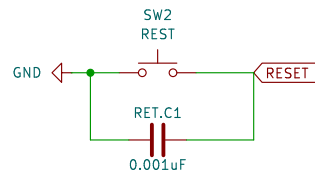
USB Switch



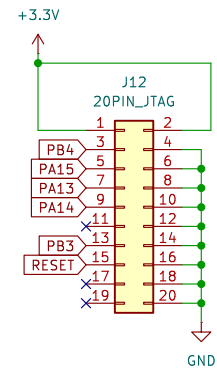
### 8MHz Crystal Oscillators



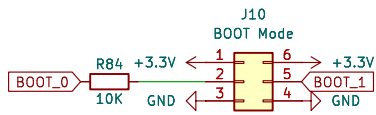
### Reset Switch



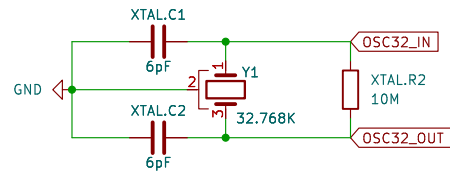
### JTAG Debug



### BOOT Mode



### 32.768KHz Crystal Oscillators



Sheet: /CRYSTAL/  
File: CRYSTAL.kicad\_sch

#### Title:

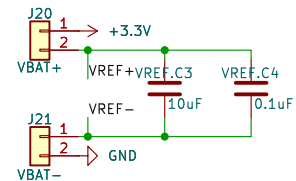
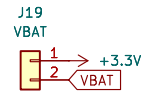
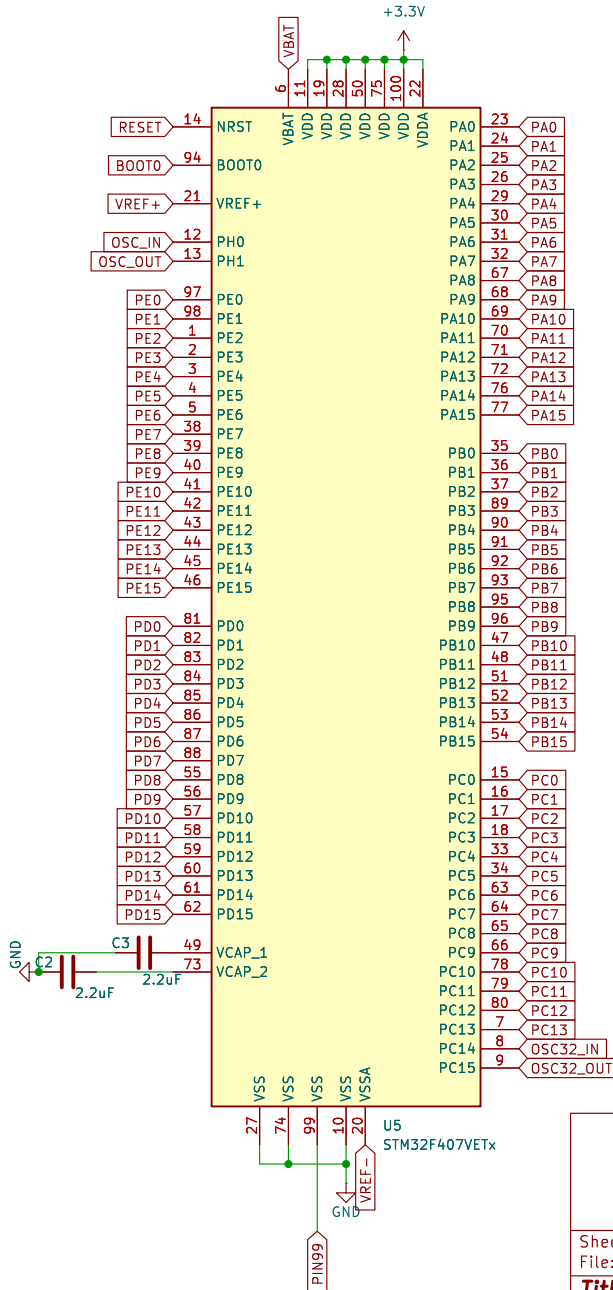
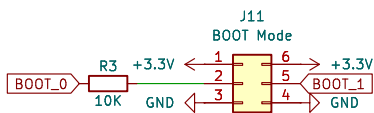
Size: A4

Date:

KiCad E.D.A. 9.0.4

Rev:

Id: 6/6



Sheet: /MCU/  
File: MCU.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. 9.0.4

**Rev:**

Id: 7/6