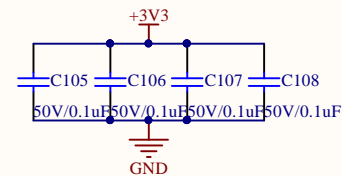
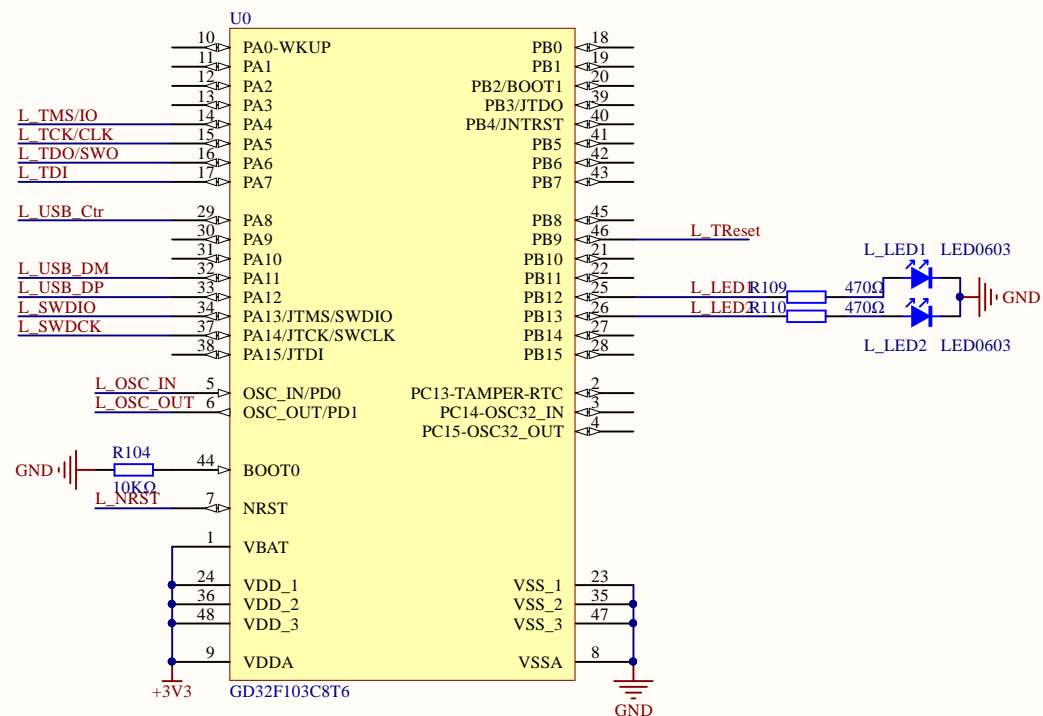
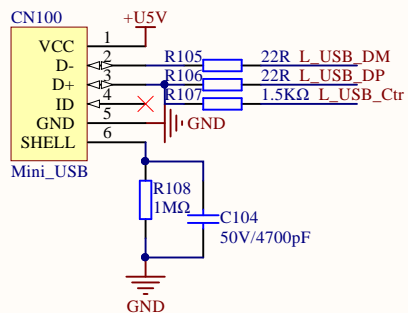
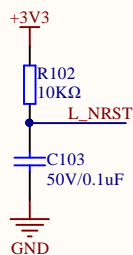
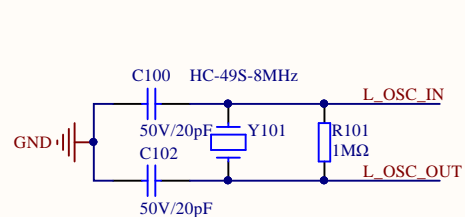
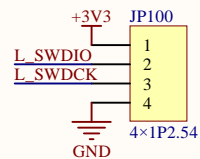


1

2

3

4



Company Name: GigaDevice

File Name: GDLink

Revision: 1.0

Data: 2018-9

Author: XuFei

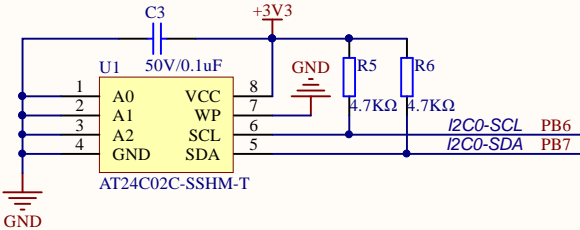
1

2

3

4

I2C



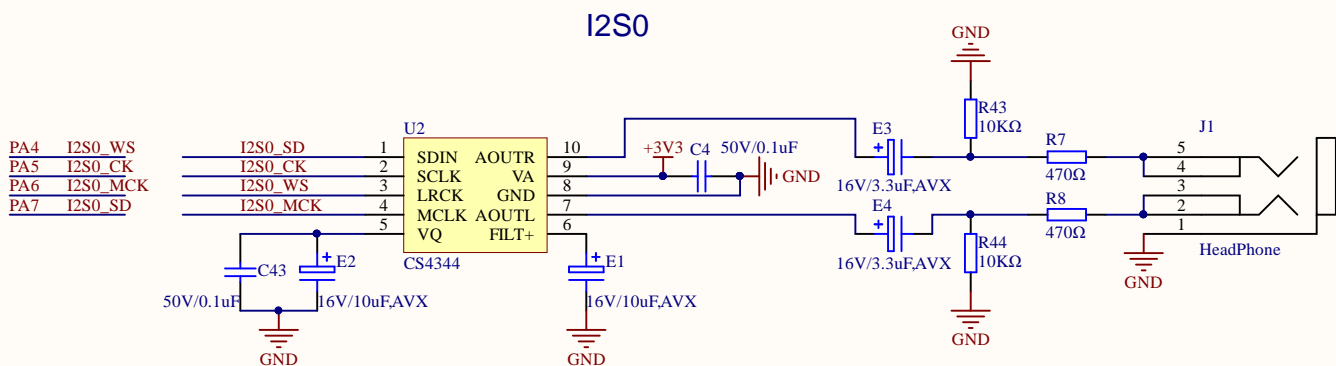
Company Name: GigaDevice

File Name: I2C

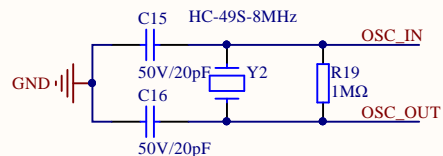
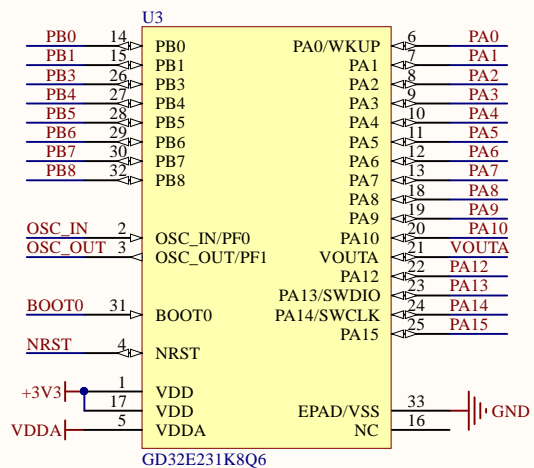
Revision: 1.0

Data: 2023-11

Author: Xufei

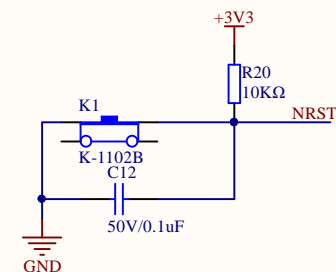
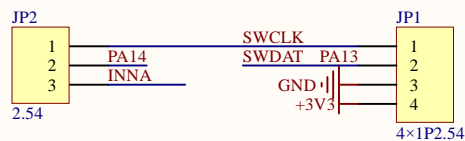
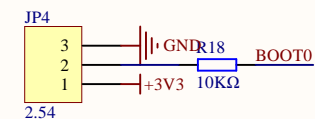
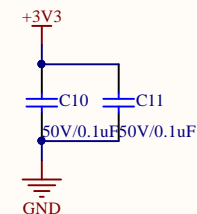
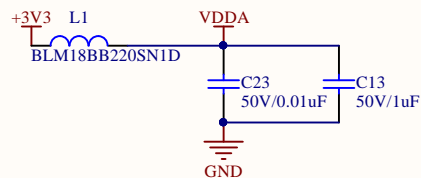


Company Name: GigaDevice		
File Name: I2S0		
Revision: 1.0	Data: 2023-11	Author: Xufei



SWD GDLink

SWDAT	L TMS/IO
SWCLK	L TCK/CLK
NRST	L TRreset



Company Name: GigaDevice

File Name: MCU

Revision: 1.0

Data: 2023-11

Author: Xufei

1

2

3

4

A

B

C

D

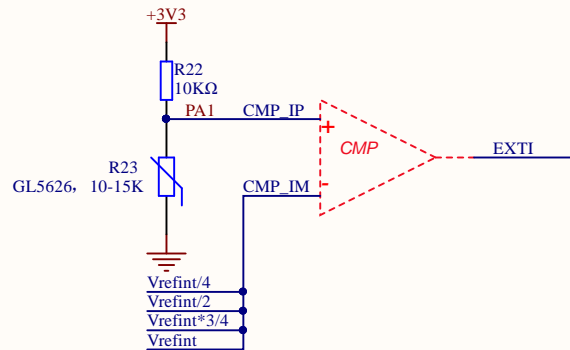
A

B

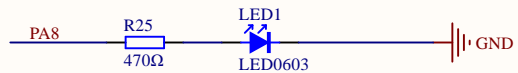
C

D

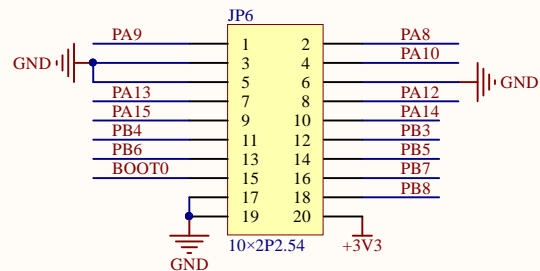
CMP



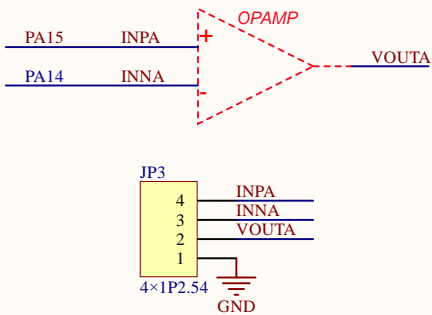
LED



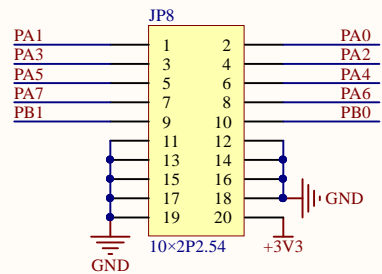
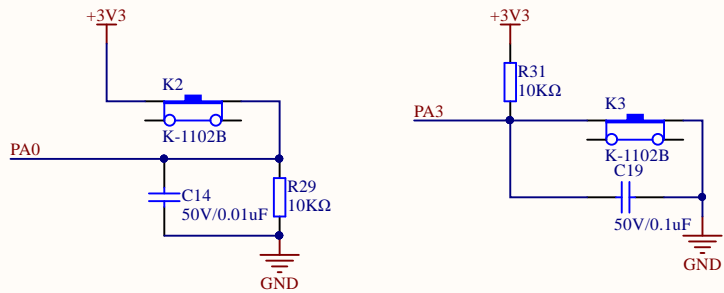
EXTENTION



OPA



KEY



Company Name: GigaDevice

File Name: Peripherals

Revision: 1.0

Data: 2023-11

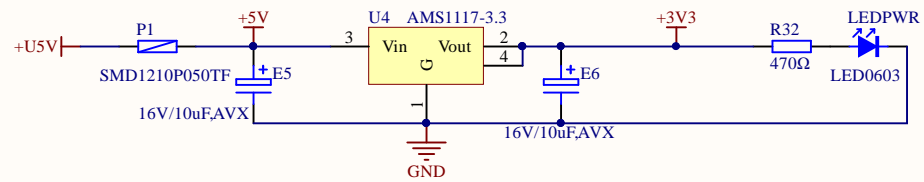
Author: Xufei

1

2

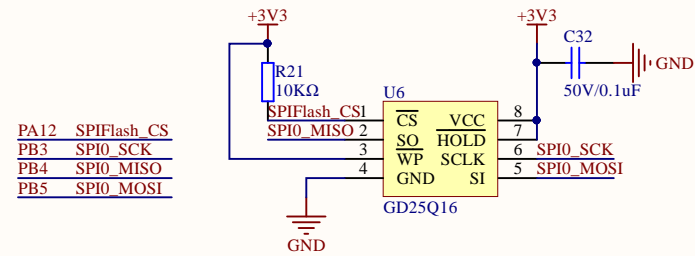
3

4

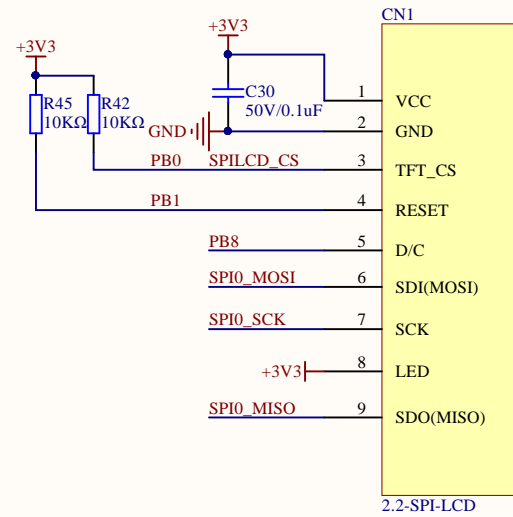


Company Name: GigaDevice		
File Name: Power		
Revision: 1.0	Data: 2023-11	Author: Xufei

SPI Flash

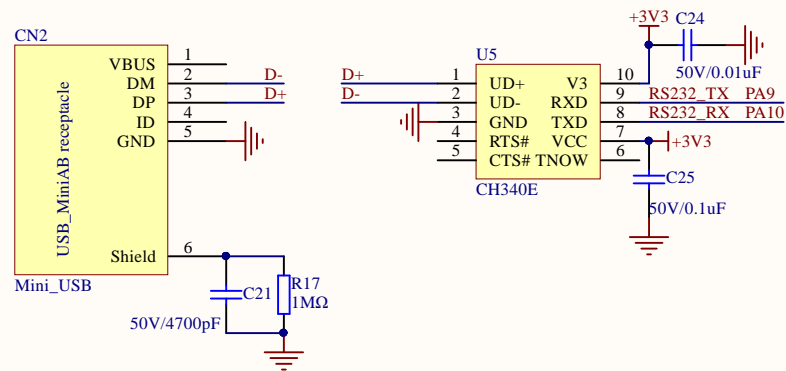


SPI LCD



Company Name: GigaDevice		
File Name: SPI		
Revision: 1.0	Data: 2023-11	Author: Xufei

USART To USB



Company Name: GigaDevice

File Name: USART

Revision: 1.0

Data: 2023-11

Author: Xufei

USART

LED

LED1

OPA

PA14

SWD

OPA

GND

VOUTA

INNA

INPA

LEDPWR

R32

SWD

+3V3

GND

IO

CK

JP1

I2C

BOOT0

JP4

R18

H

L



GD32MCU.com

GD32E231K-EVAL

2023-11 V1.0

PA9 PA8

GND PA10

GND GND

PA13 PA12

PA15 PA14

PB4 PB3

PB6 PB5

Boot PB7

GND PB8

GND +3V3

CN1

+3V3 GND

GND GND

GND GND

GND GND

PB0 PB1

PA6 PA7

PA4 PA5

PA2 PA3

PA0 PA1

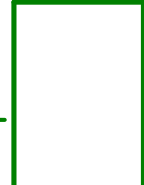
C10

U3

Y2

C15 R19 C16

E6



C105 U4

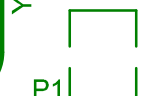
U0

R104 JP100

C103

R102

C106



CN100

R108

C104

GD-Link

LCD

SPI

C32

U6

C4

U2

E2

E3

C43

R22

E1

E4

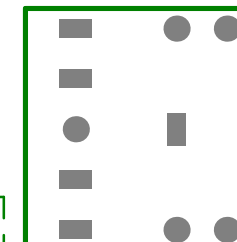
R1

JP8

CMP

R23

I2S



J1

VR1

ADC

Userkey

Wakeup

Reset



Caution!