

Company Name: GigaDevice

File Name: AD_DA

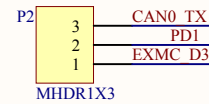
Revision: 1.0

Data: 2020-3

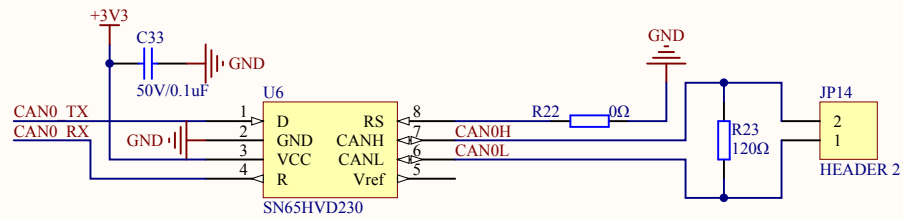
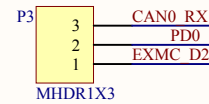
Author: XuFei

CAN

Short P2(1,2) for EXMC function
Short P2(2,3) for CAN0 function



Short P3(1,2) for EXMC function
Short P3(2,3) for CAN0 function



Company Name: GigaDevice

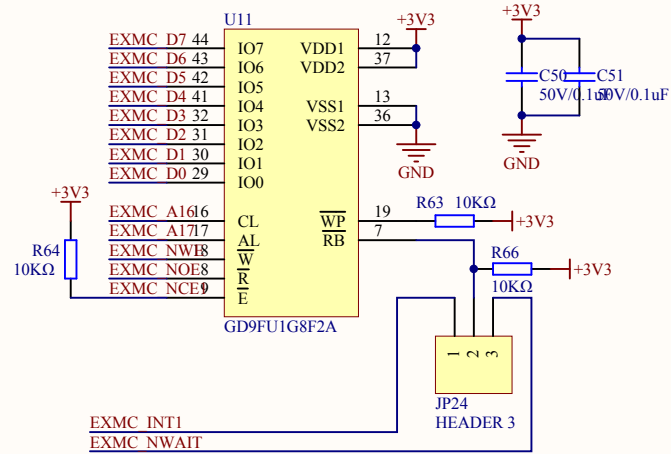
File Name: CAN

Revision: 1.0

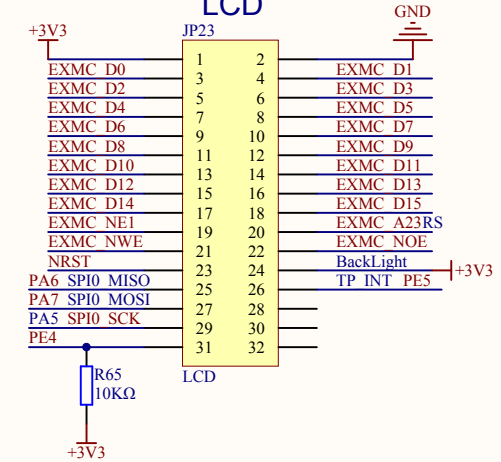
Data: 2017-4

Author: XuFei

Nand Flash



LCD



PD0,PD1 are AFIOs, please refer to CAN schematic for right config

PD14 EXMC D0
PD15 EXMC D1
PD0 EXMC D2
PD1 EXMC D3
PE7 EXMC D4
PE8 EXMC D5
PE9 EXMC D6
PE10 EXMC D7
PE11 EXMC D8
PE12 EXMC D9
PE13 EXMC D10
PE14 EXMC D11
PE15 EXMC D12
PD8 EXMC D13
PD9 EXMC D14
PD10 EXMC D15

PD11 EXMC A16
PD12 EXMC A17
PE2 EXMC A23
PD4 EXMC NOE
PD5 EXMC NWE
PD6 EXMC NWAIT
PD7 EXMC NCE1
PG6 EXMC INT1
PG9 EXMC NE1

Company Name: GigaDevice

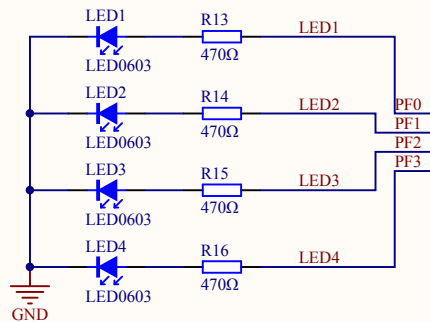
File Name: EXMC

Revision: 1.0

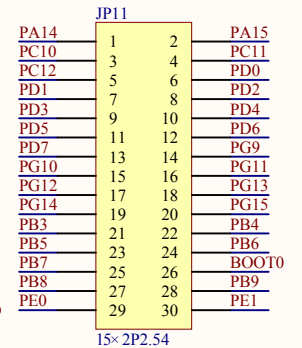
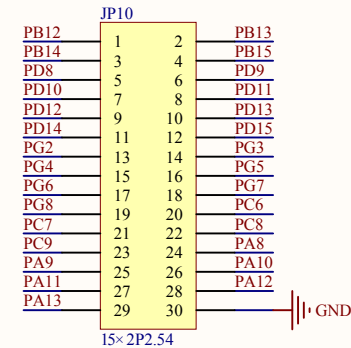
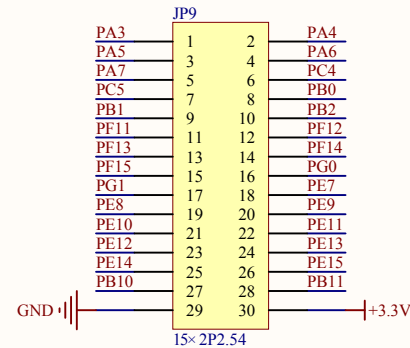
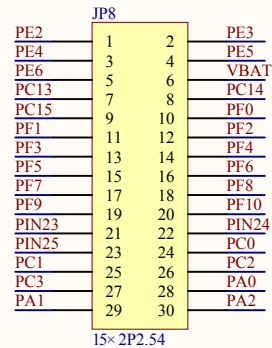
Data: 2020-3

Author: XuFei

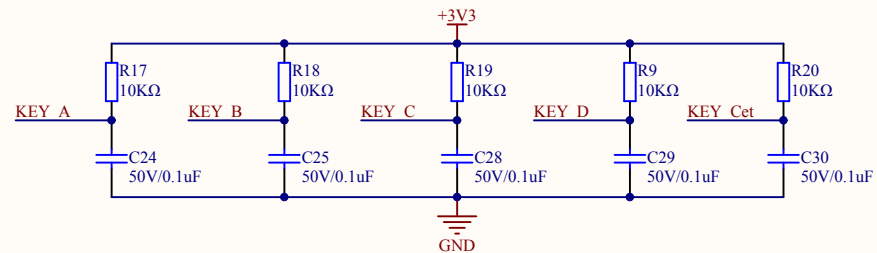
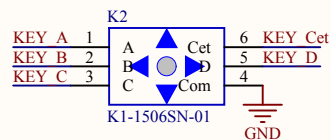
LED



Extension Pin



KEY



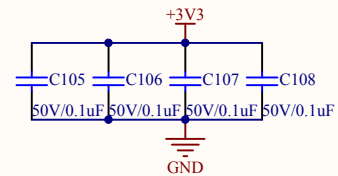
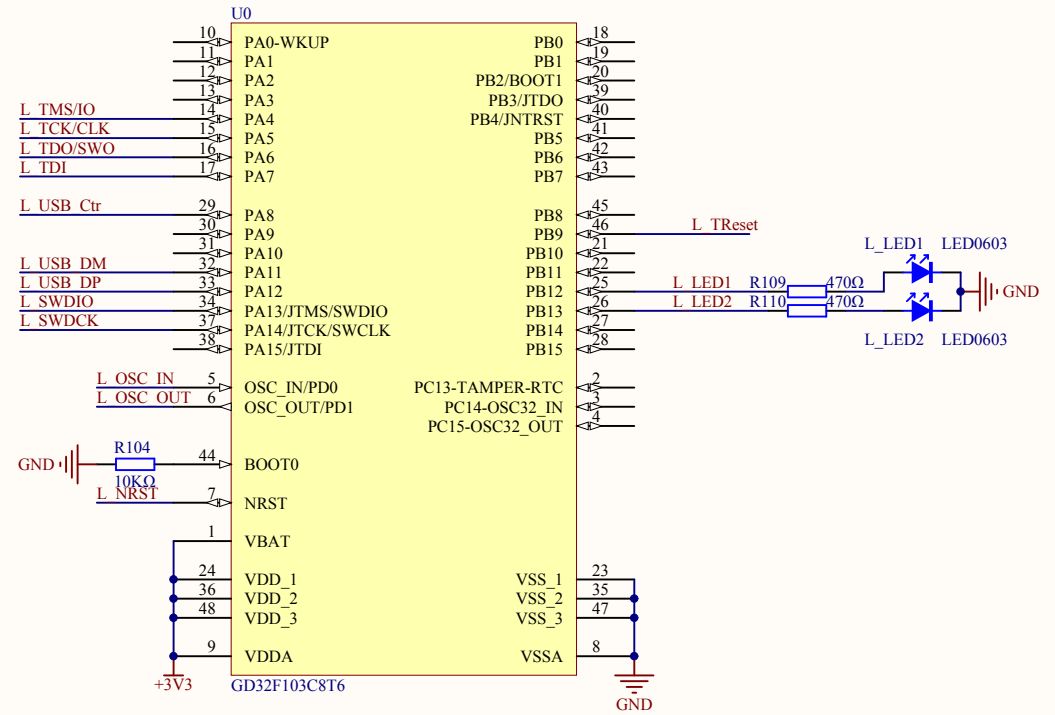
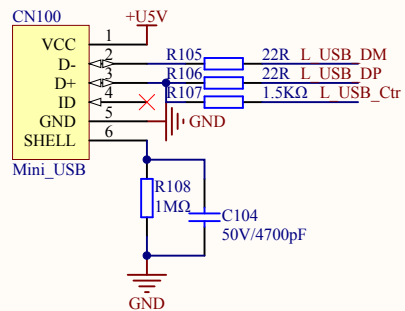
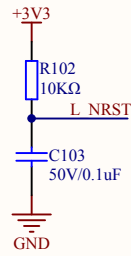
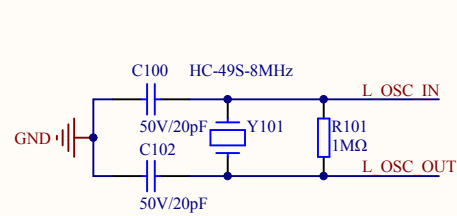
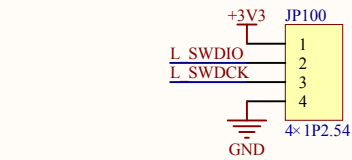
Company Name: GigaDevice

File Name: Extension

Revision: 1.0

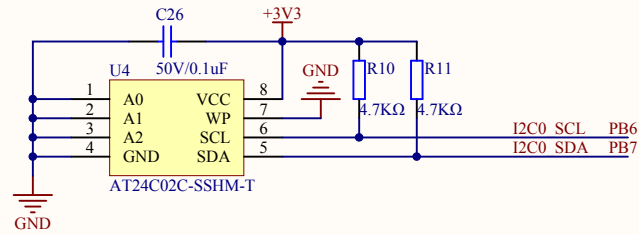
Data: 2020-3

Author: XuFei



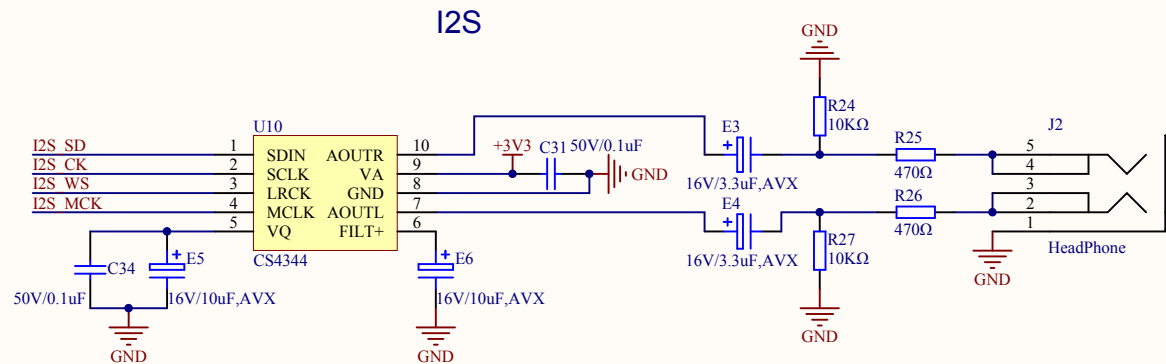
Company Name: GigaDevice		
File Name: GDLink		
Revision: 1.0	Data: 2015-01-09	Author: XuFei

I2C



Company Name: GigaDevice		
File Name: I2C_SMbus		
Revision: 1.0	Data: 2020-3	Author: XuFei

PC6 I2S MCK
PB12 I2S WS
PB13 I2S CK
PB15 I2S SD



Company Name: GigaDevice

File Name: I2S

Revision: 1.0

Data: 2020-3

Author: Xufei

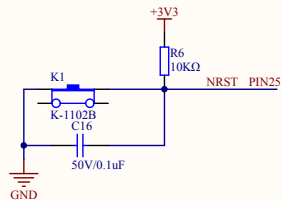
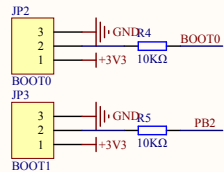
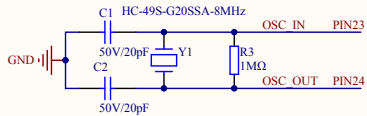
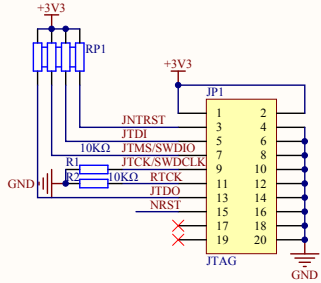
A

B

C

D

GDLink	JTAG	PB4
L TDI	JTDI	PA15
L TMS/IO	JTMS/SWDIO	PA13
L TCK/CLK	JTCK/SWCLK	PA14
L TDO/SWO	JTDO	PB3
L TRst	NRST	

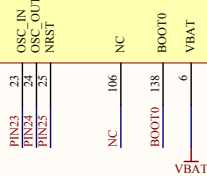
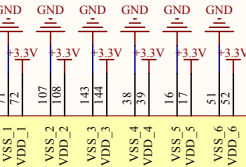


PA0	34
PA1	35
PA2	36
PA3	37
PA4	40
PA5	41
PA6	42
PA7	43
PA8	100
PA9	101
PA10	102
PA11	103
PA12	104
PA13	105
PA14	109
PA15	110

PB0	46
PB1	47
PB2	48
PB3	133
PB4	134
PB5	135
PB6	136
PB7	137
PB8	139
PB9	140
PB10	69
PB11	70
PB12	73
PB13	74
PB14	75
PB15	76

PC0	26
PC1	27
PC2	28
PC3	29
PC4	44
PC5	45
PC6	96
PC7	97
PC8	98
PC9	99
PC10	111
PC11	112
PC12	113
PC13	7
PC14	8
PC15	9

PD0	114
PD1	115
PD2	116
PD3	117
PD4	118
PD5	119
PD6	122
PD7	123
PD8	77
PD9	78
PD10	79
PD11	80
PD12	81
PD13	82
PD14	85
PD15	86

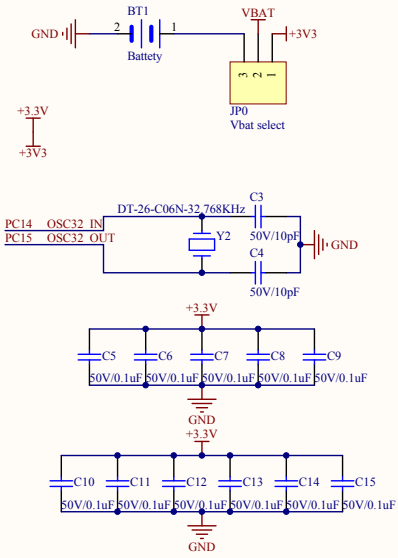
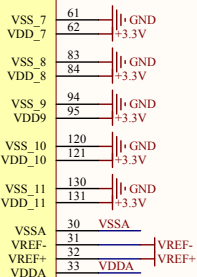


GD32E503ZET6 U1

PG0	56	PG0
PG1	57	PG1
PG2	87	PG2
PG3	88	PG3
PG4	89	PG4
PG5	90	PG5
PG6	91	PG6
PG7	92	PG7
PG8	93	PG8
PG9	124	PG9
PG10	125	PG10
PG11	126	PG11
PG12	127	PG12
PG13	128	PG13
PG14	129	PG14
PG15	132	PG15

PF0	10	PF0
PF1	11	PF1
PF2	12	PF2
PF3	13	PF3
PF4	14	PF4
PF5	15	PF5
PF6	18	PF6
PF7	19	PF7
PF8	20	PF8
PF9	21	PF9
PF10	22	PF10
PF11	49	PF11
PF12	50	PF12
PF13	53	PF13
PF14	54	PF14
PF15	55	PF15

PE0	141	PE0
PE1	142	PE1
PE2	1	PE2
PE3	2	PE3
PE4	3	PE4
PE5	4	PE5
PE6	5	PE6
PE7	58	PE7
PE8	59	PE8
PE9	60	PE9
PE10	63	PE10
PE11	64	PE11
PE12	65	PE12
PE13	66	PE13
PE14	67	PE14
PE15	68	PE15



Company Name: GigaDevice

File Name: MCU

Revision: 1.0

Date: 2020-3

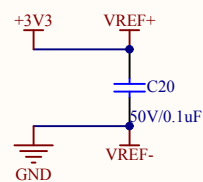
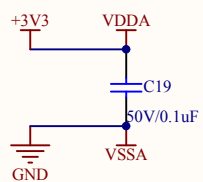
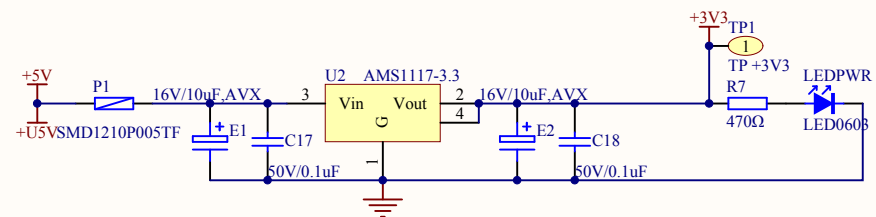
Author: XuFei

A

B

C

D



Company Name: GigaDevice		
File Name: Power		
Revision: 1.0	Data: 2020-3	Author: XuFei

1

2

3

4

A

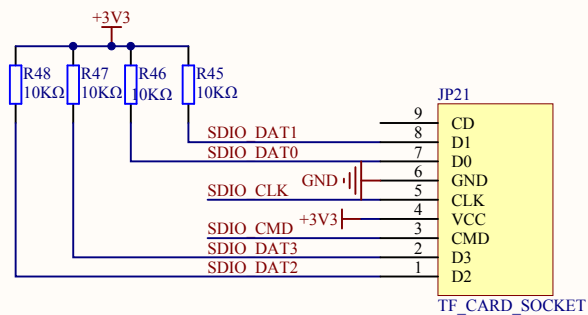
B

C

D

SDIO

PD2 SDIO_CMD
PC12 SDIO_CLK
PC8 SDIO_DAT0
PC9 SDIO_DAT1
PC10 SDIO_DAT2
PC11 SDIO_DAT3



Company Name: GigaDevice

File Name: SDIO

Revision: 1.0

Data: 2020-3

Author: Xufei

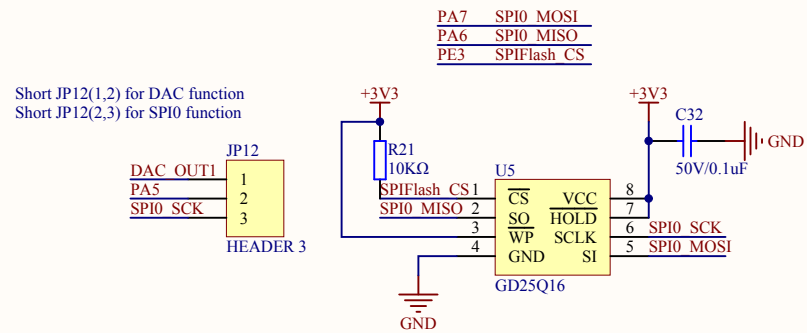
1

2

3

4

SPI Flash



Company Name: GigaDevice

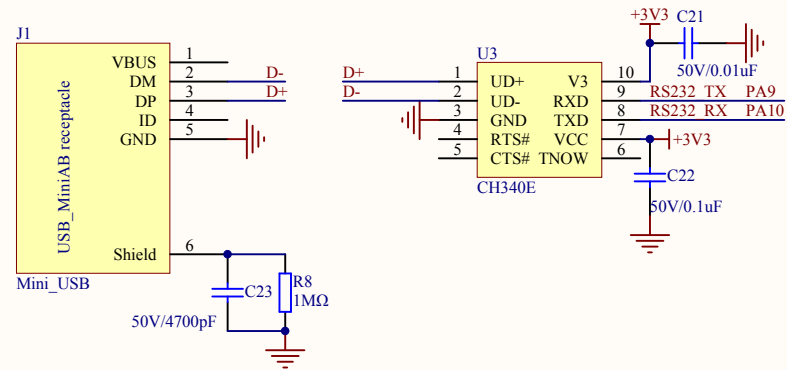
File Name: SPI

Revision: 1.0

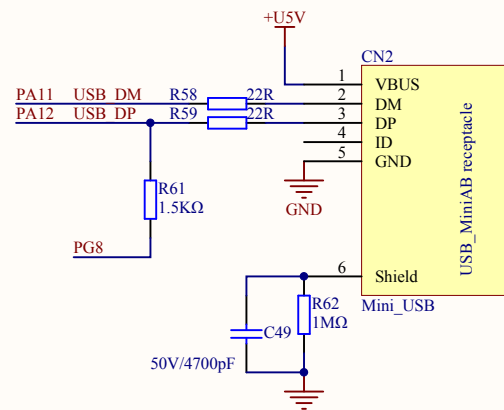
Data: 2020-3

Author: XuFei

USART0 To USB



Company Name: GigaDevice		
File Name: USART		
Revision: 1.0	Data: 2020-3	Author: XuFei



Company Name: GigaDevice		
File Name: USB		
Revision: 1.0	Data: 2020-3	Author: Xufei

