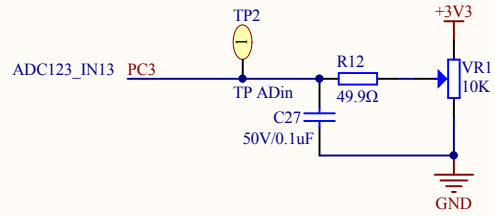
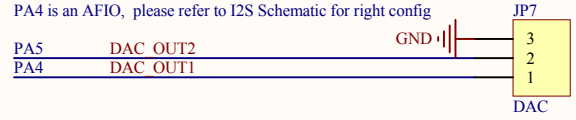


ADC



DAC

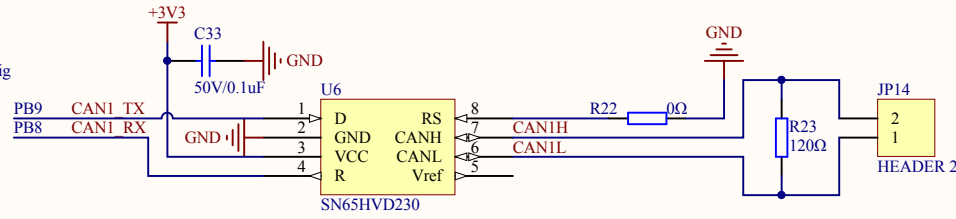
PA5 is an AFIO, please refer to SPI Schematic for right config
 PA4 is an AFIO, please refer to I2S Schematic for right config



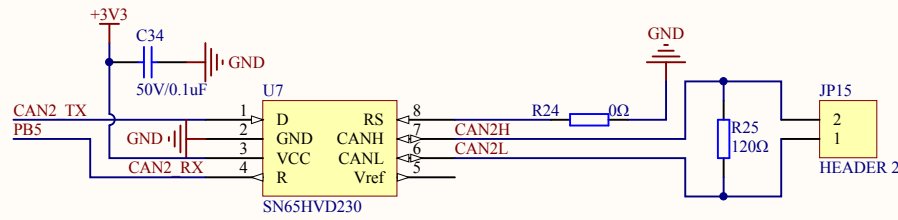
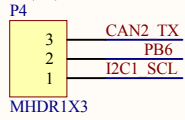
Company Name: GigaDevice		
File Name: AD_DA		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan

CAN

PB8, PB9 are AFIOs, please refer to DC1 schematic for right config



Short P4(1,2) for I2C1 function
Short P4(2,3) for CAN2 function



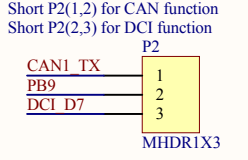
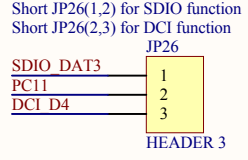
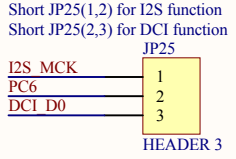
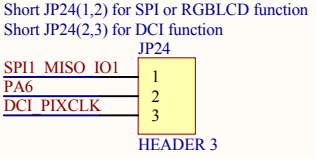
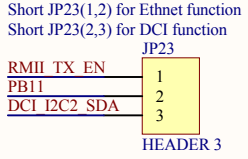
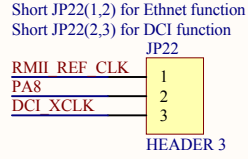
Company Name: GigaDevice

File Name: CAN

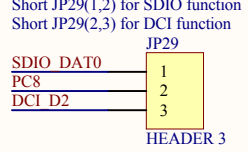
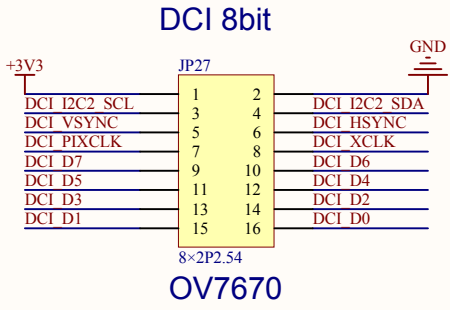
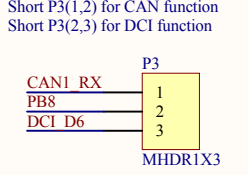
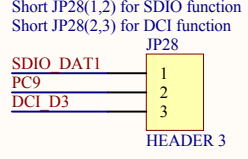
Revision: 1.0

Data: 2015-8-3

Author: wangzhan



PB10	DCI I2C2_SCL
PG9	DCI VSYNC
PH8	DCI HSYNC
PD3	DCI D5
PC7	DCI D1



DCI_8bit, RGB_TFTLCD and SDRAM can be used at the same time

Company Name: GigaDevice

File Name: DCI

Revision: 1.0

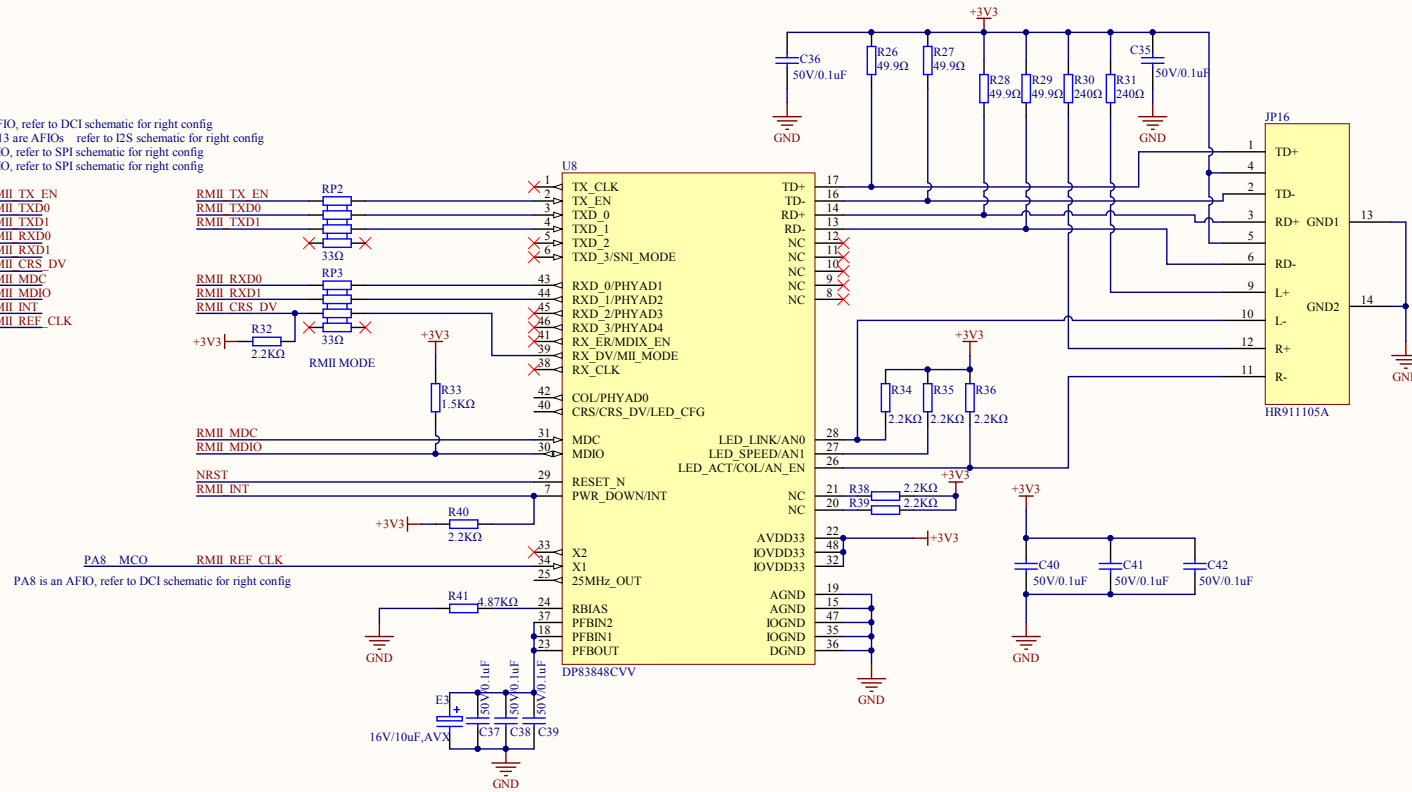
Data: 2015-8-3

Author: wangzhan

Ethernet

PB11 is an AFIO, refer to DC1 schematic for right config
 PB12 and PB13 are AFIOs refer to I2S schematic for right config
 PA7 is an AFIO, refer to SPI schematic for right config
 PA2 is an AFIO, refer to SPI schematic for right config

- PB11 RMII TX_EN
- PB12 RMII TXD0
- PB13 RMII TXD1
- PC4 RMII RXD0
- PC5 RMII RXD1
- PA7 RMII CRS_DV
- PC1 RMII MDC
- PA2 RMII MDIO
- PB0 RMII INT
- PA1 RMII REF_CLK



Company Name: GigaDevice

File Name: Ethernet

Revision: 1.0

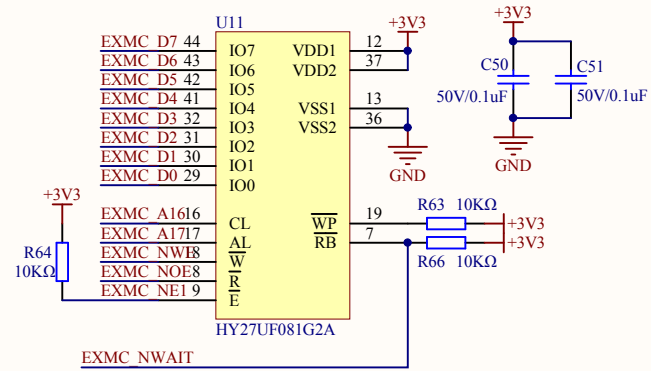
Date: 2015-8-3

Author: wangzhan

Nand Flash

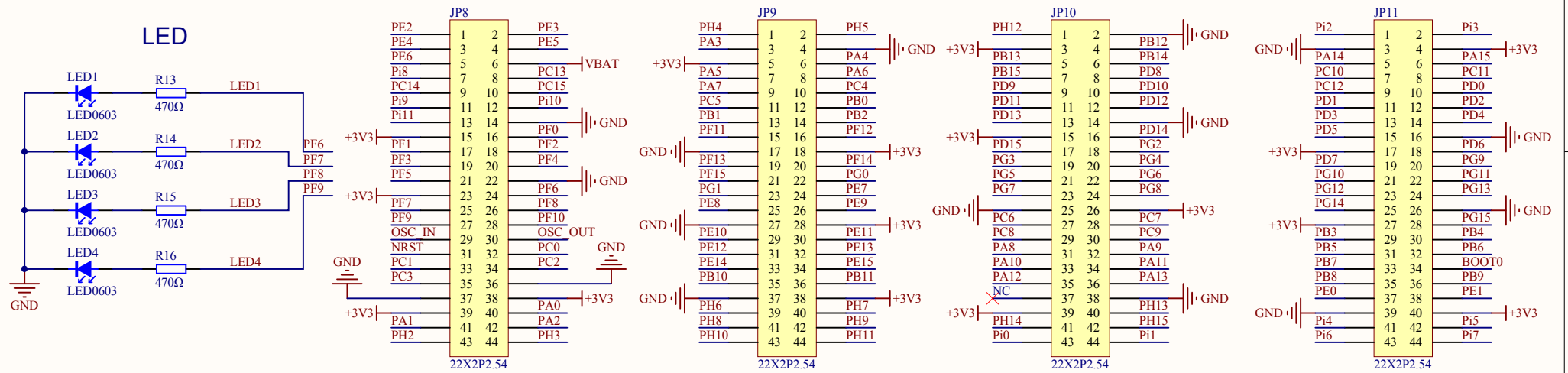
PD14	EXMC D0
PD15	EXMC D1
PD0	EXMC D2
PD1	EXMC D3
PE7	EXMC D4
PE8	EXMC D5
PE9	EXMC D6
PE10	EXMC D7

PD11	EXMC A16
PD12	EXMC A17
PD7	EXMC NE1
PD4	EXMC NOE
PD5	EXMC NWE
PD6	EXMC NWAIT

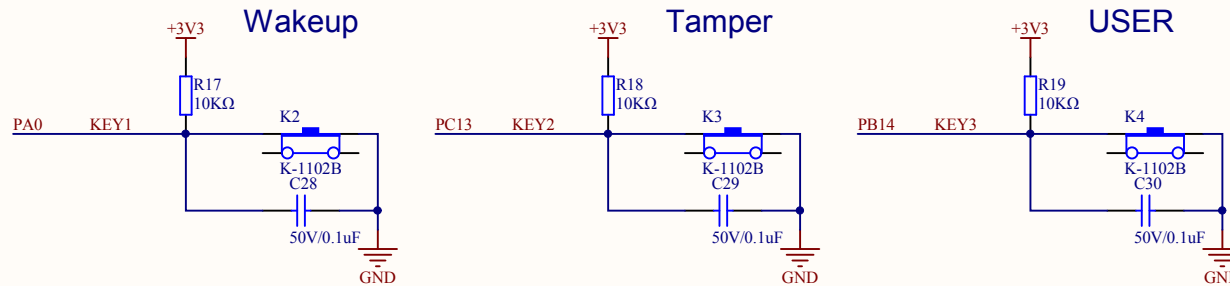


Company Name: GigaDevice		
File Name: EXMC		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan

Extension Pin

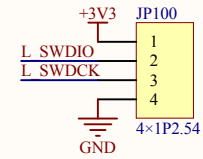


KEY



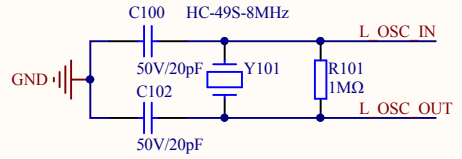
Company Name: GigaDevice		
File Name: Extension		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan

MCU SWD

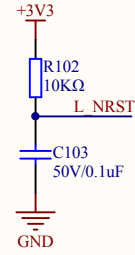


L TDI	PA15
L TMS/IO	PA13
L TCK/CLK	PA14
L TDO/SWO	PB3
L TReset	NRST

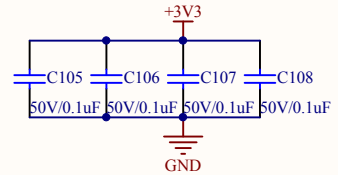
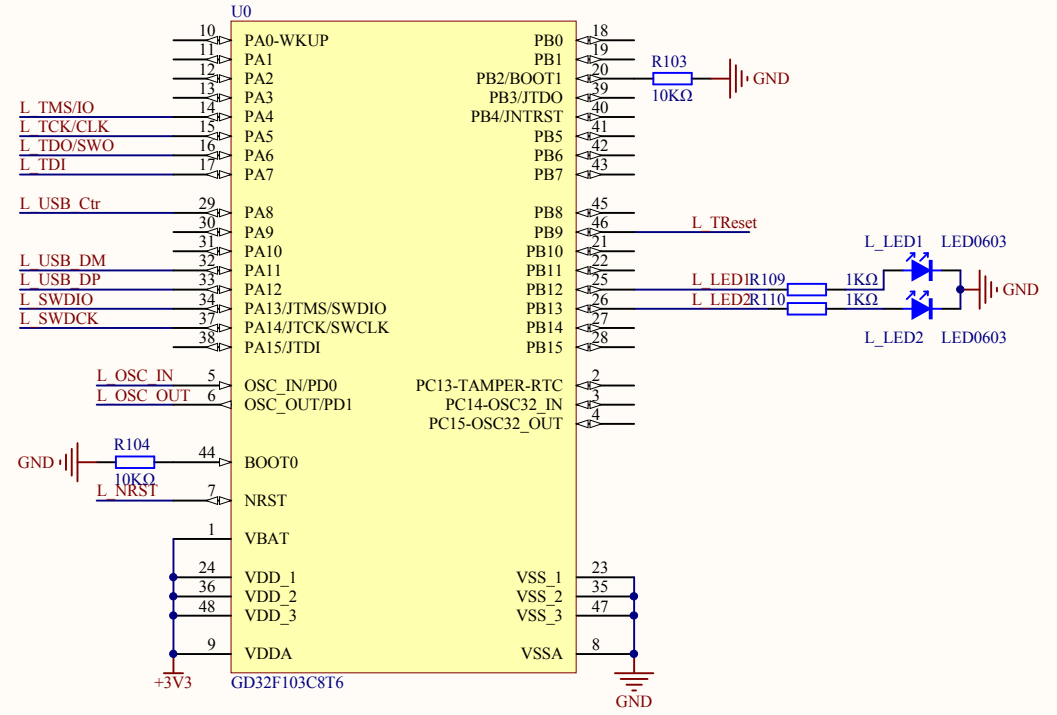
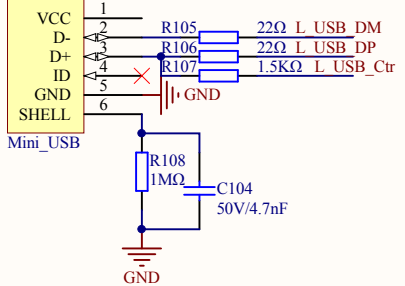
HSE



Reset



CN100



Company Name: GigaDevice

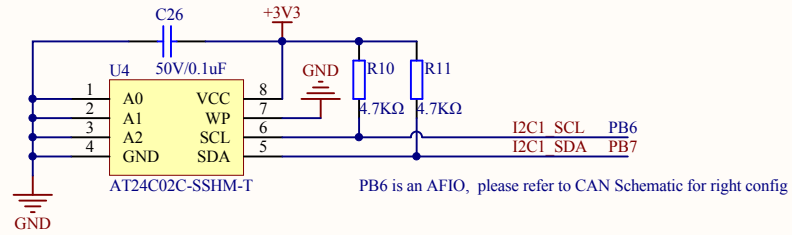
File Name: GDLink

Revision: 1.0

Data: 2015-8-3

Author: XuFei

I2C



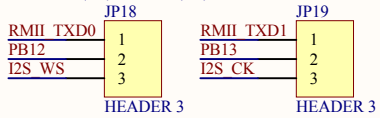
Company Name: GigaDevice		
File Name: I2C		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan

I2S

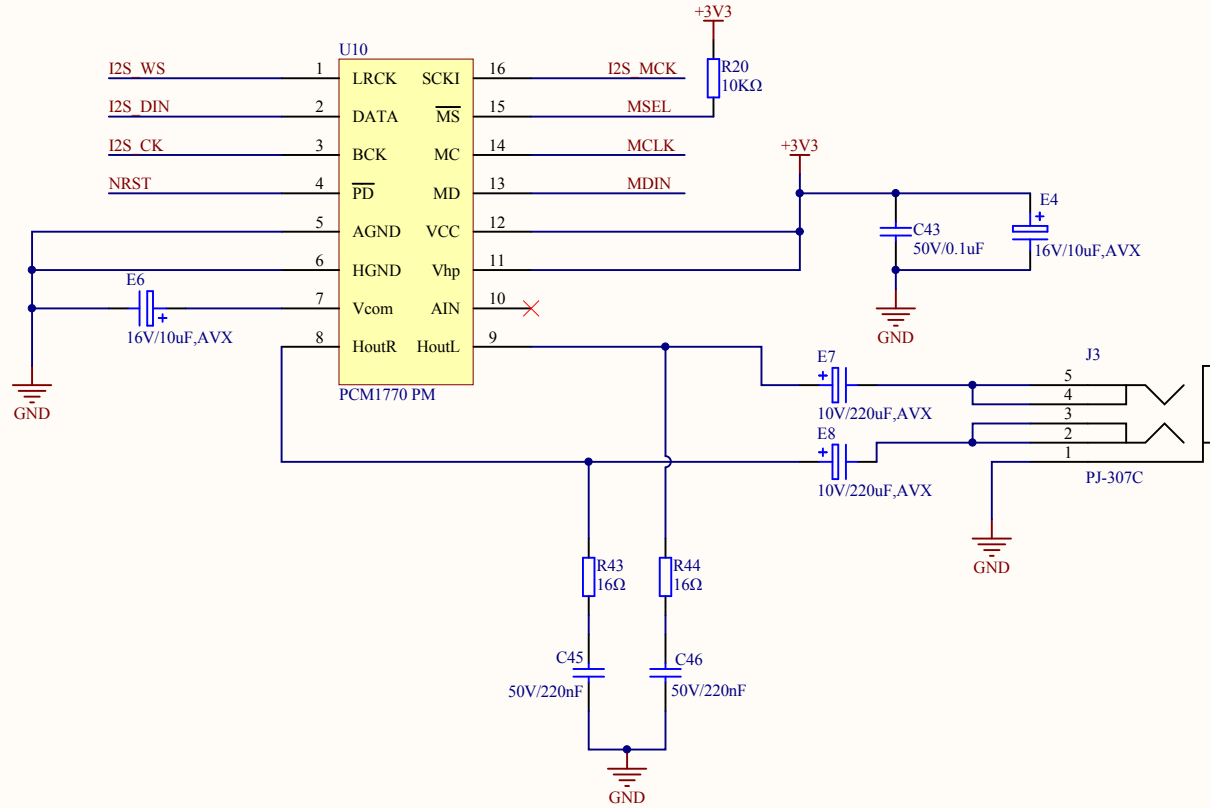
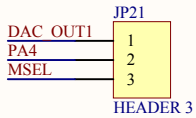
PC6 is an AFIO, please refer to DCI Schematic for right config
 PA7 is an AFIO, please refer to SPI Schematic for right config
 PA5 is an AFIO, please refer to SPI Schematic for right config

PC6	I2S MCK
PB15	I2S DIN
PA7	SPI1 MOSI IO0
PA5	SPI1 SCK
	MDIN
	MCLK

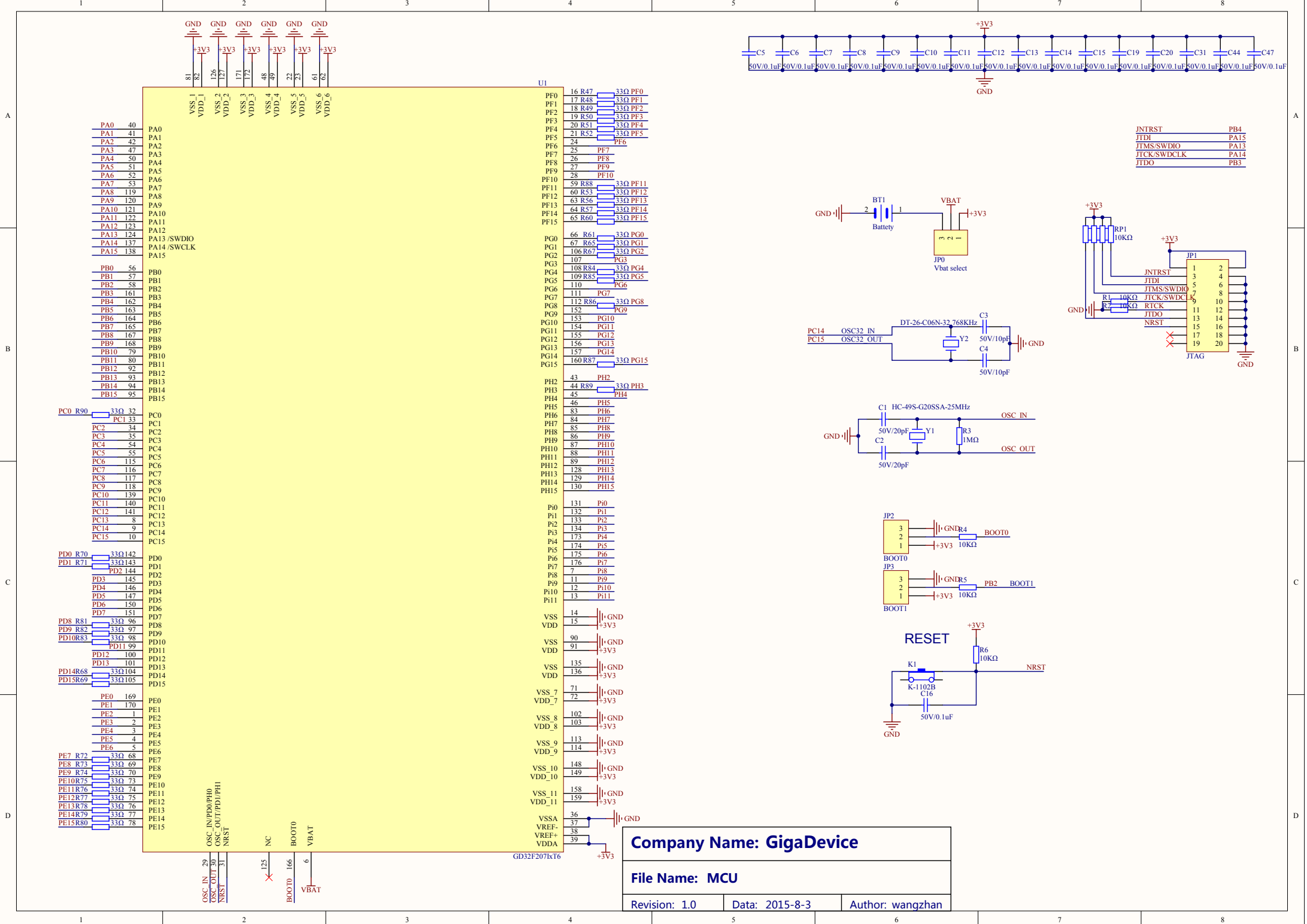
Short JP18(1,2) and JP19(1,2) for Ethernet function
 Short JP18(2,3) and JP19(2,3) for I2S function



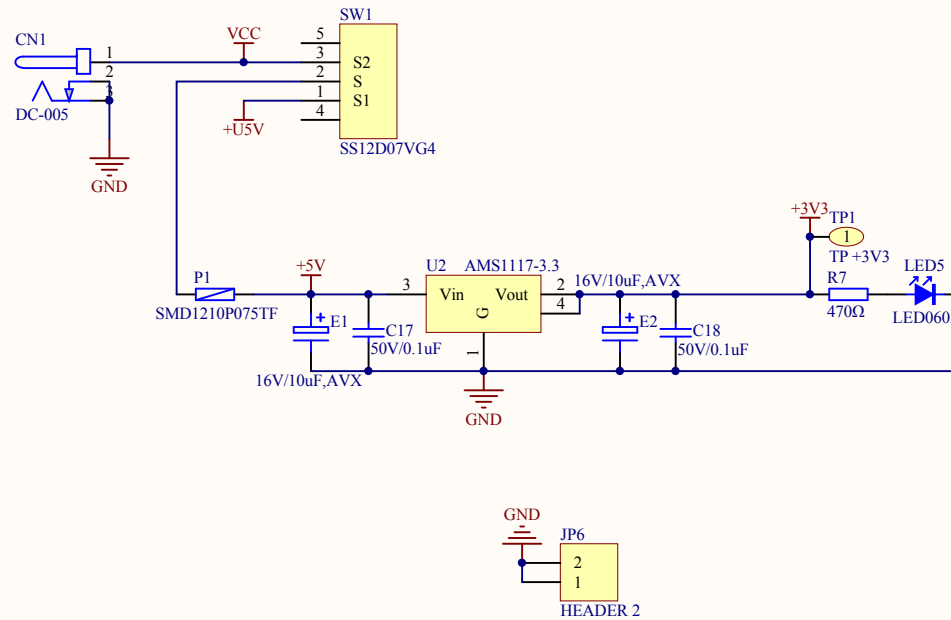
Short JP21(1,2) for DAC_OUT1 function
 Short JP21(2,3) for I2S function



Company Name: GigaDevice		
File Name: I2S		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan



POWER



Company Name: GigaDevice		
File Name: Power		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan

PA5, PA7 are AFIOs, please refer to SPI schematic for right config
 PA6 are AFIOs, please refer to DCI schematic for right config

RGB_TFTLCD

PH5	LCD Touch PENIRQ
PA7	SPI1 MOSI IO0 LCD SPI1 MOSI
PA6	SPI1 MISO IO1 LCD SPI1 MISO
PA5	SPI1 SCK LCD SPI1 SCK
PG3	LCD SPI1 NSS
PH6	LCD PWM BackLight
PH7	LCD Touch Busy

PH4	LCD R0
Pi3	LCD R1

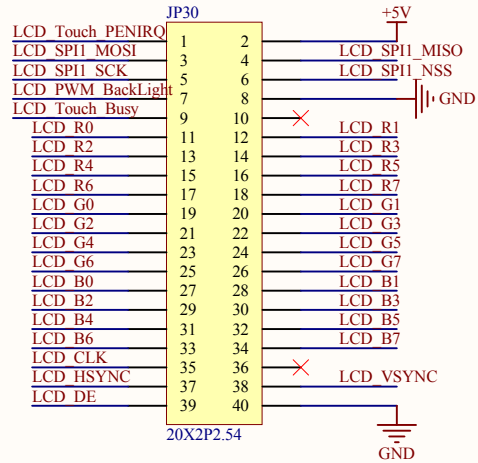
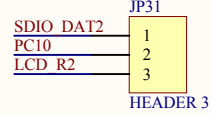
PH9	LCD R3
PH10	LCD R4
PH11	LCD R5
PH12	LCD R6
PG6	LCD R7

PE5	LCD G0
PE6	LCD G1
PH13	LCD G2
PH14	LCD G3
PH15	LCD G4
Pi0	LCD G5
Pi1	LCD G6
Pi2	LCD G7

PE4	LCD B0
PG12	LCD B1
PG10	LCD B2
PG11	LCD B3
Pi4	LCD B4
Pi5	LCD B5
Pi6	LCD B6
Pi7	LCD B7

PG7	LCD CLK
Pi10	LCD HSYNC
Pi9	LCD VSYNC
PF10	LCD DE

Short JP31(1,2) for SDIO function
 Short JP31(2,3) for RGB_TFTLCD function



DCI_8bit, RGB_TFTLCD and SDRAM can be used at the same time

Company Name: GigaDevice

File Name: RGB_TFTLCD

Revision: 1.0

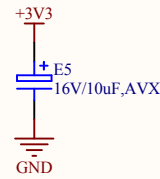
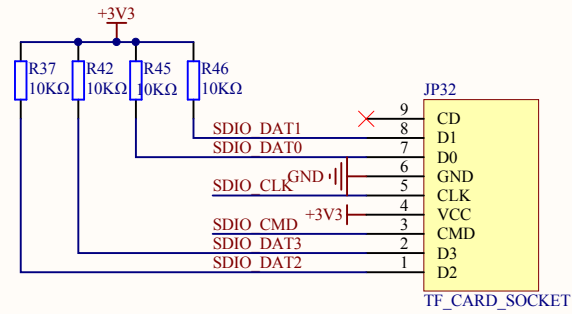
Data: 2015-8-3

Author: wangzhan

SDIO

PC11 is an AFIO, please refer to DCI Schematic for right config
 PC8 is an AFIO, please refer to DCI Schematic for right config
 PC9 is an AFIO, please refer to DCI Schematic for right config
 PC10 is an AFIO, please refer to RGB_FTFLCD Schematic for right config

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



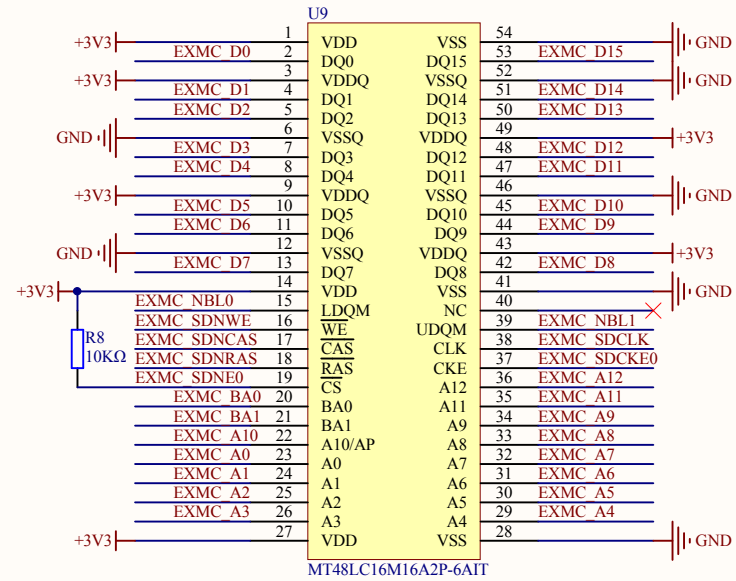
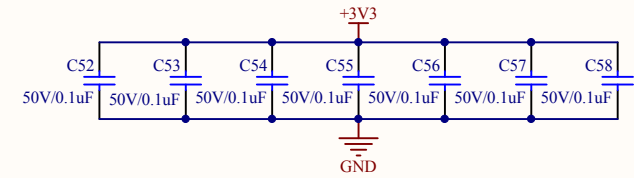
Company Name: GigaDevice		
File Name: SDIO		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan

SDRAM

PF0	EXMC_A0
PF1	EXMC_A1
PF2	EXMC_A2
PF3	EXMC_A3
PF4	EXMC_A4
PF5	EXMC_A5
PF12	EXMC_A6
PF13	EXMC_A7
PF14	EXMC_A8
PF15	EXMC_A9
PG0	EXMC_A10
PG1	EXMC_A11
PG2	EXMC_A12

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

PE0	EXMC_NBL0
PE1	EXMC_NBL1
PH2	EXMC_SDCKE0
PG4	EXMC_BA0
PG5	EXMC_BA1
PG8	EXMC_SDCLK
PG15	EXMC_SDNCAS
PF11	EXMC_SDNRAS
PH3	EXMC_SDNE0
PC0	EXMC_SDNWE



DCI_8bit, RGB_TFTLCD and SDRAM can be used at the same time

Company Name: GigaDevice

File Name: SDRAM

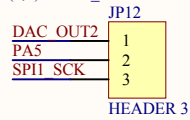
Revision: 1.0

Data: 2015-8-3

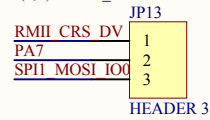
Author: wangzhan

Standard & Quad SPI Flash

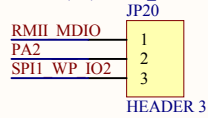
Short JP12(1,2) for DAC function
Short JP12(2,3) for SPI_Flash or I2S or RGBLCD function



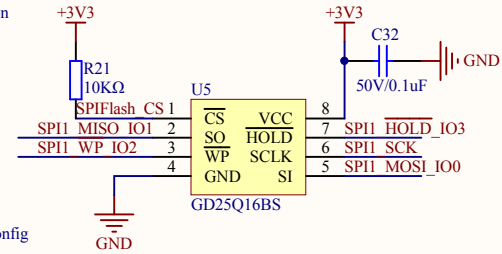
Short JP13(1,2) for Ethernet function
Short JP13(2,3) for SPI_Flash or I2S or RGBLCD function



Short JP20(1,2) for Ethernet function
Short JP20(2,3) for SPI_Flash function



PA6 is an AFIO, please refer to DC1 Schematic for right config



Company Name: GigaDevice

File Name: SPI

Revision: 1.0

Data: 2015-8-3

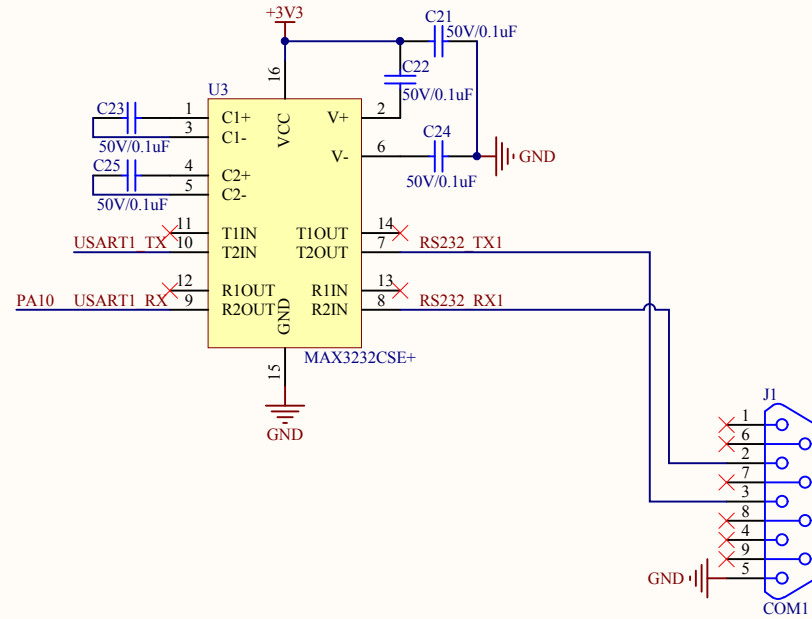
Author: wangzhan

USART1

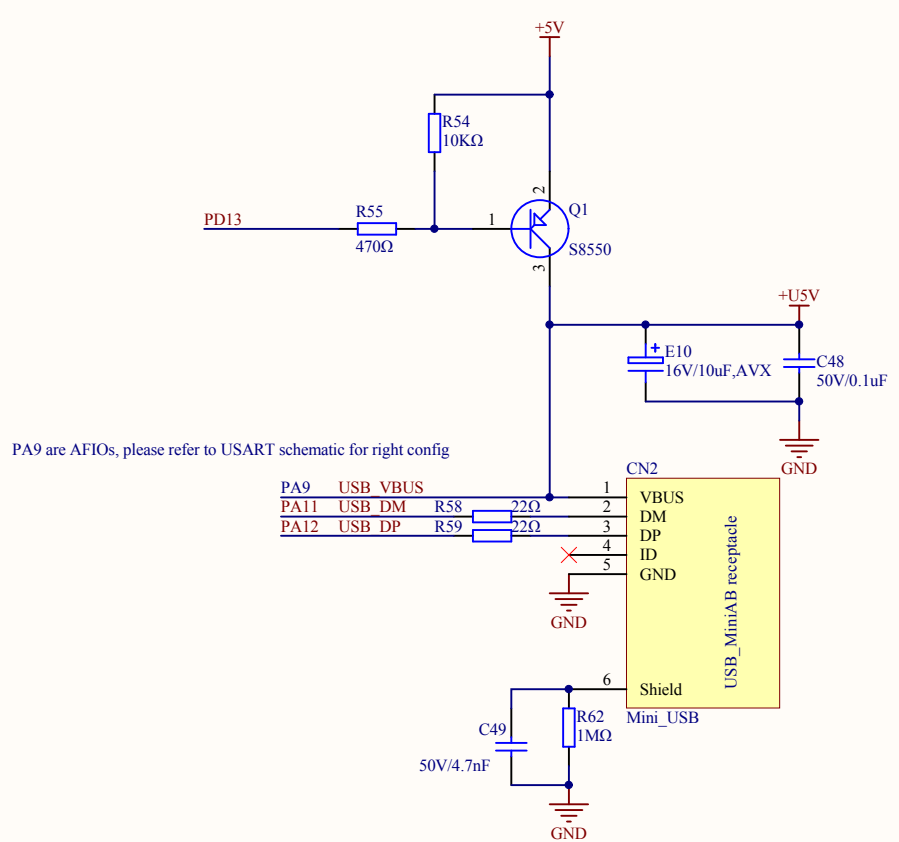
Short JP5(1,2)for USART1 function
 Short JP5(2,3)for USB OTG function

JP5	
USART1 TX	1
PA9	2
USB VBUS	3

HEADER 3



Company Name: GigaDevice		
File Name: USART		
Revision: 1.0	Data: 2015-8-3	Author: wangzhan



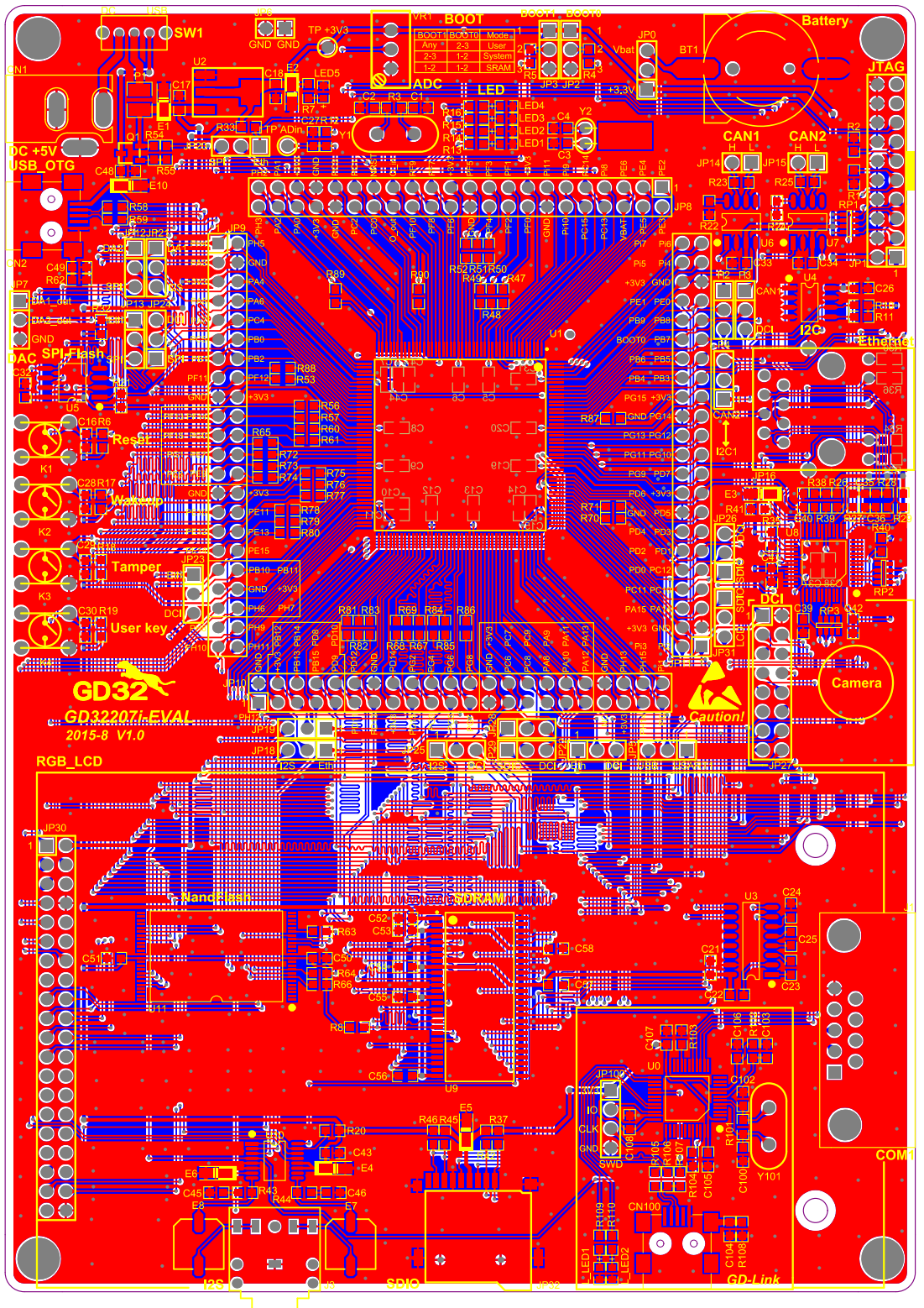
Company Name: GigaDevice

File Name: USB_OTG

Revision: 1.1

Data: 2015-8-3

Author: wangzhan



GD32
GD32207I-EVAL
2015-8 V1.0



Camera

RGB_LCD

Hand

SDIO

GD-Link

COM1