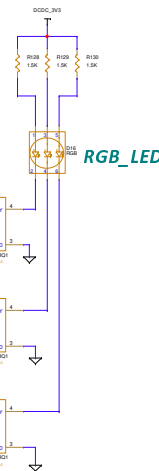
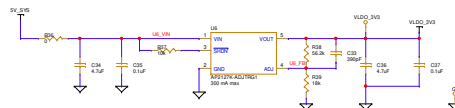
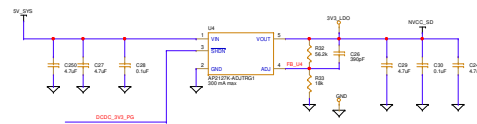
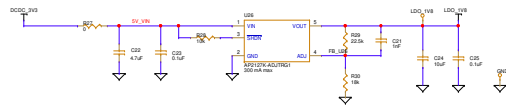
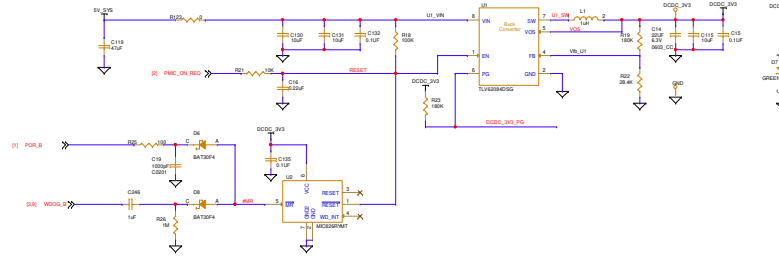
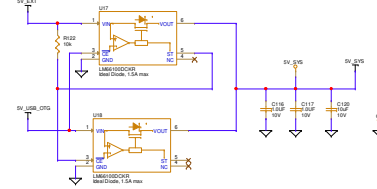
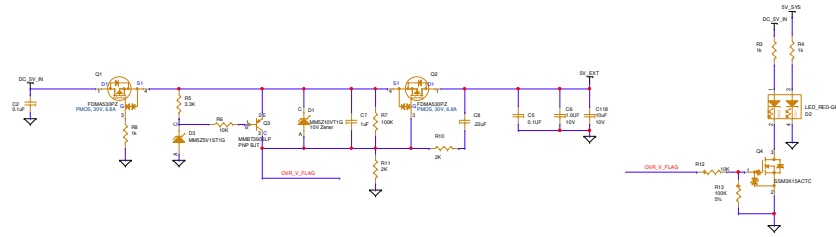
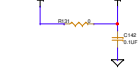


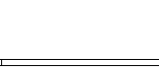
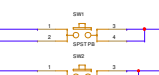
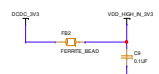
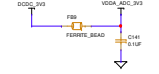
POWER SUPPLIES



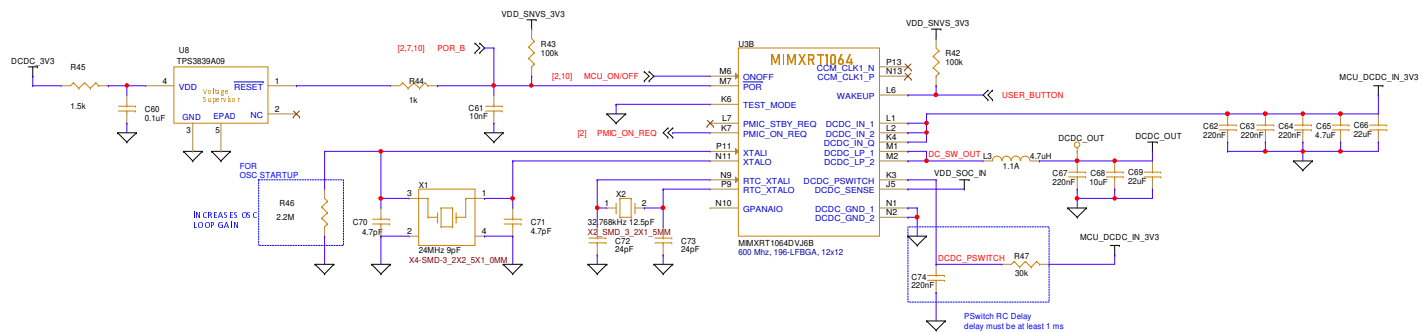
SNVS



ADC

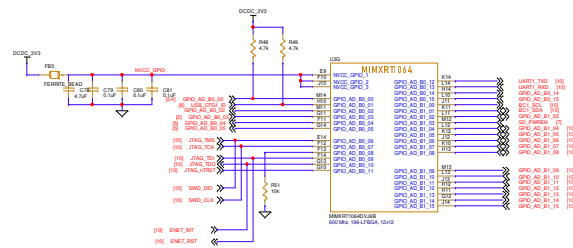
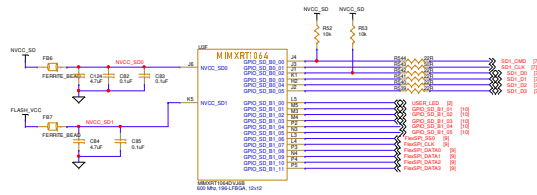
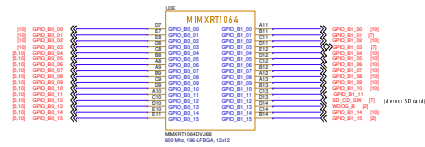
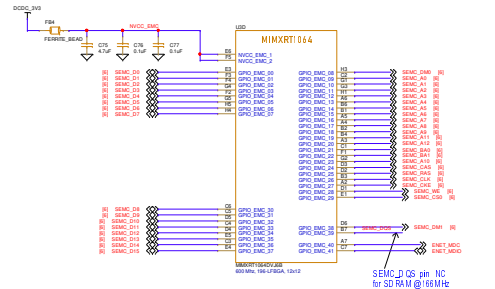


1	POWER SUPPLIES
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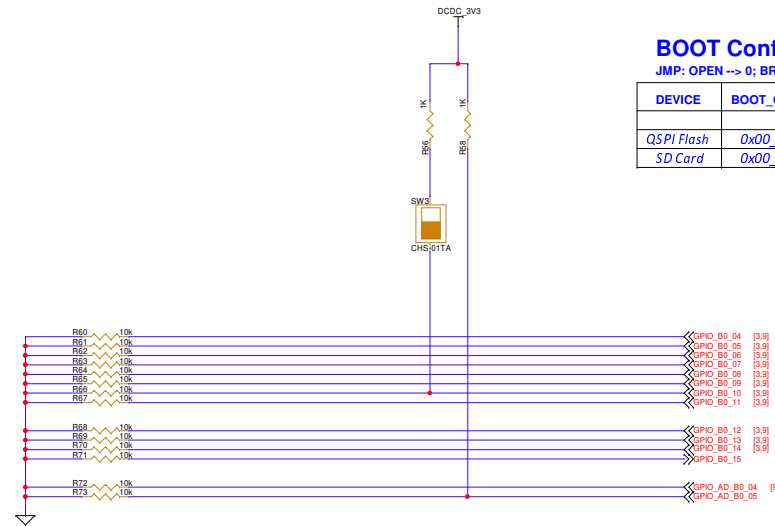


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IMXRT1064 PINOUT



IMXRT1064 BOOT



BOOT Configuration

JMP: OPEN --> 0; BRIDGED --> 1

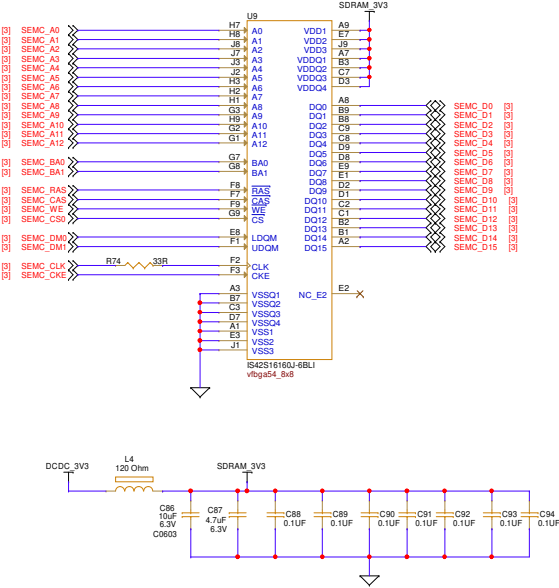
DEVICE	BOOT_CFG	JUMPER
QSPI Flash	0x00_00	0, 0, 1, 0
SD Card	0x00_40	1, 0, 1, 0

FUSE MAP

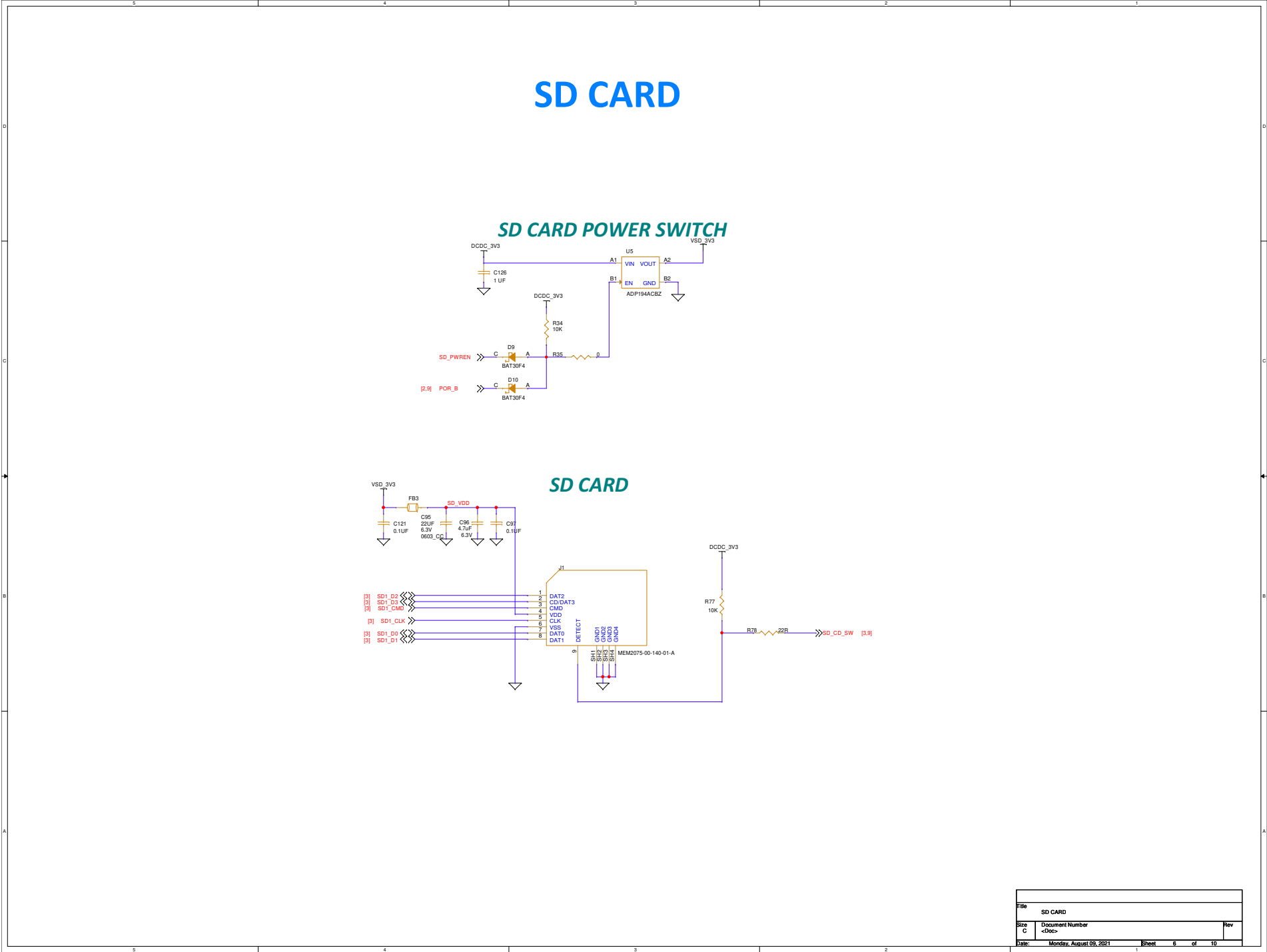
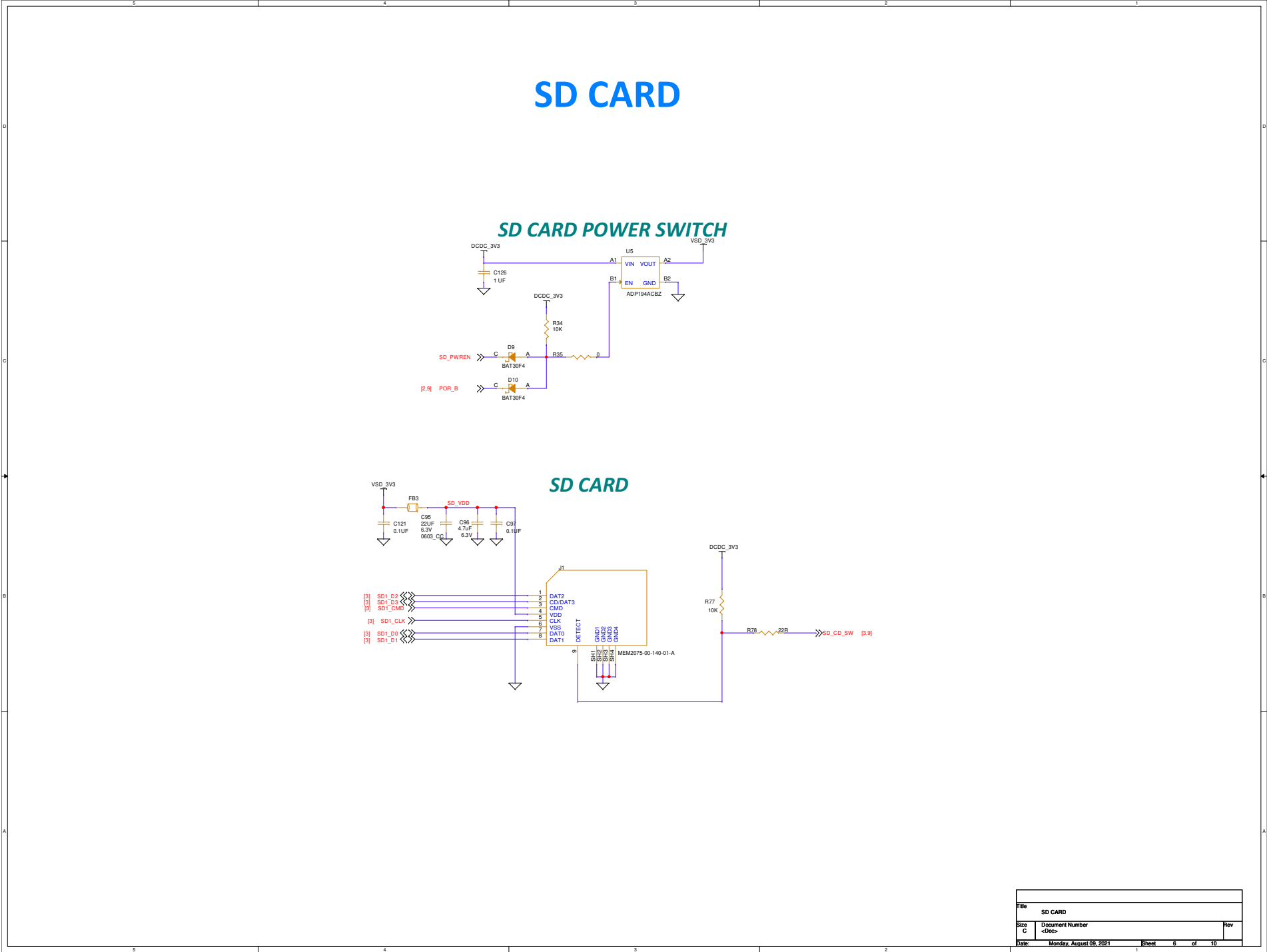
	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
TYPE	BOOT_CFG[11]	BOOT_CFG[10]	BOOT_CFG[9]	BOOT_CFG[8]	BOOT_CFG[7]	BOOT_CFG[6]	BOOT_CFG[5]	BOOT_CFG[4]	BOOT_CFG[3]	BOOT_CFG[2]	BOOT_CFG[1]	BOOT_CFG[0]
FlexSPI1 - Serial NOR	Infini-Loop: (Debug USE only) 0 - Disable 1 - Enable	FLASH_TYPE 000-Device supports 3B read by default 001-Device supports 4B read by default 010-HyperFlash 1V8 011-HyperFlash 3V3 100-MXIC Octal DDR			0	0	0	0	HOLD TIME: 00 - 500us 01 - 1ms 10 - 3ms 11 - 10ms	EncryptedXIP 0 - Disabled 1 - Enabled	Reserved	
SD	Infini-Loop: (Debug USE only) 0 - Disable 1 - Enable	Reserved	Bus Width: 0 - 1-bit 1 - 4-bit	SD1 VOLTAGE SELECTION: 0 - 3.3V 1 - 1.8V	0	1	SD/SDXC Speed: 00 - Normal/SDR12 01 - High/SDR25 10 - SDR50 11 - SDR104		SD Power Cycle Enable: '0' - No power cycle '1' - Enabled via USDHC_RSTpad	SD Loopback Clock Source Sel: (for SDR50 and SDR104 only) '0' - through SD '1' - direct	Port Select: 0 - eSDHC1 1 - eSDHC2	Fast Boot: 0 - Regular 1 - Fast Boot

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SDRAM 32MB

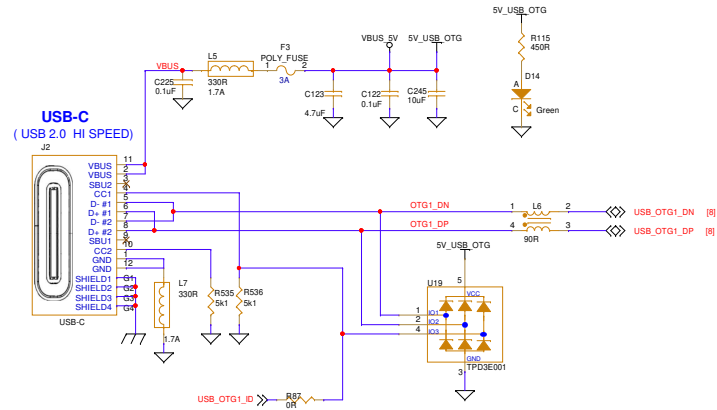


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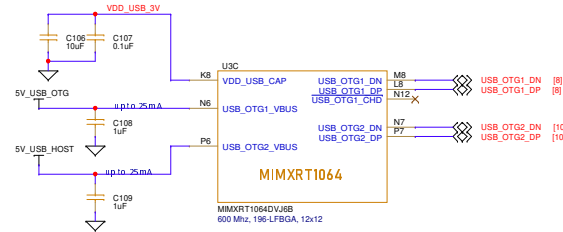
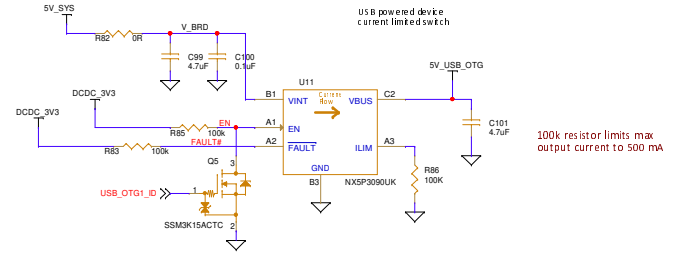
[illegible][illegible][illegible][illegible]

USB

USB OTG

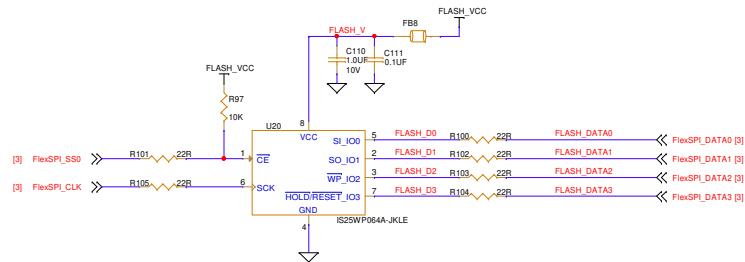


USB POWER



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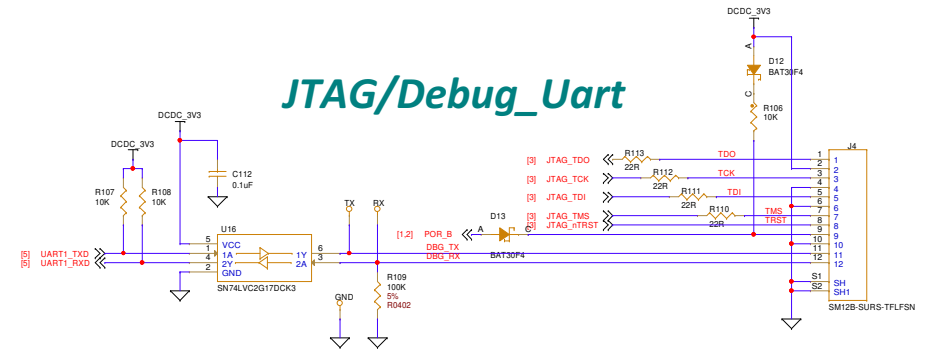
FLASH



Title		
FLASH		
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CONNECTORS

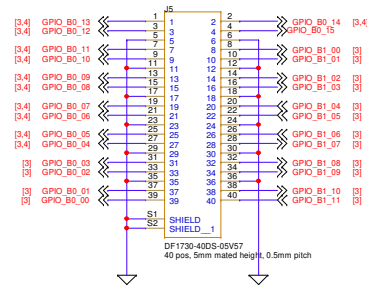
JTAG/Debug_Uart



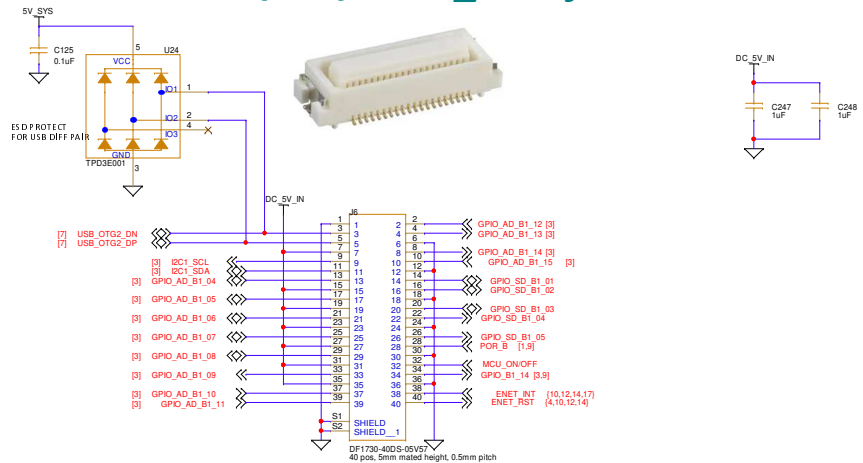
LCD_Interface



HIROSE RECEPTACLE
DF17(3.0)-40DS-0.5V(57)



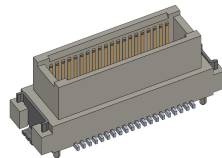
USB/CSI/ENET_Interface



Mating Connectors:

HIROSE DF17(2.0)-40DP-0.5V(57)
Digkey PN: H11130T R-ND
Board -> Board Stacking Height == 5mm

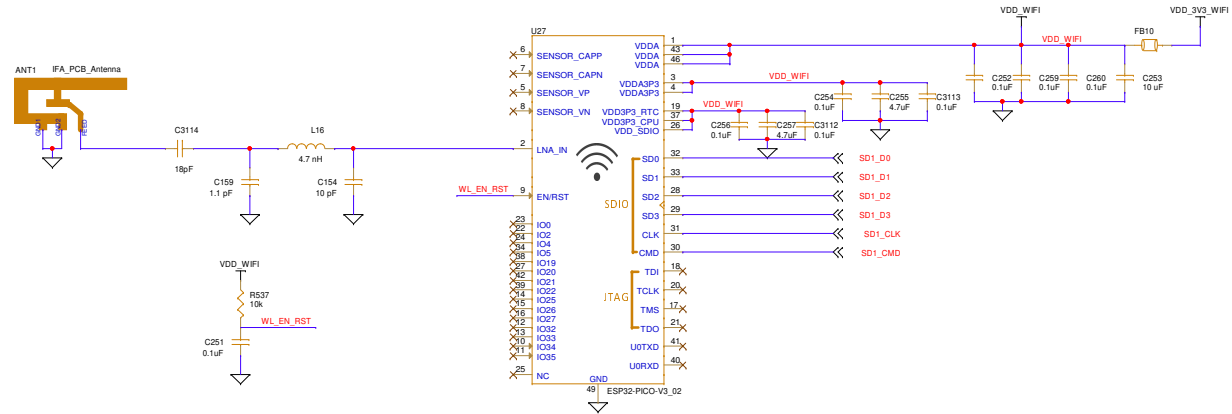
HIROSE DF17(4.0)-40DP-0.5V(57)
Digkey PN: H11144T R-ND
Board -> Board Stacking Height == 7mm



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enable FW update over wifi
add led for wifi on
add led for tx/rx

WIFI



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