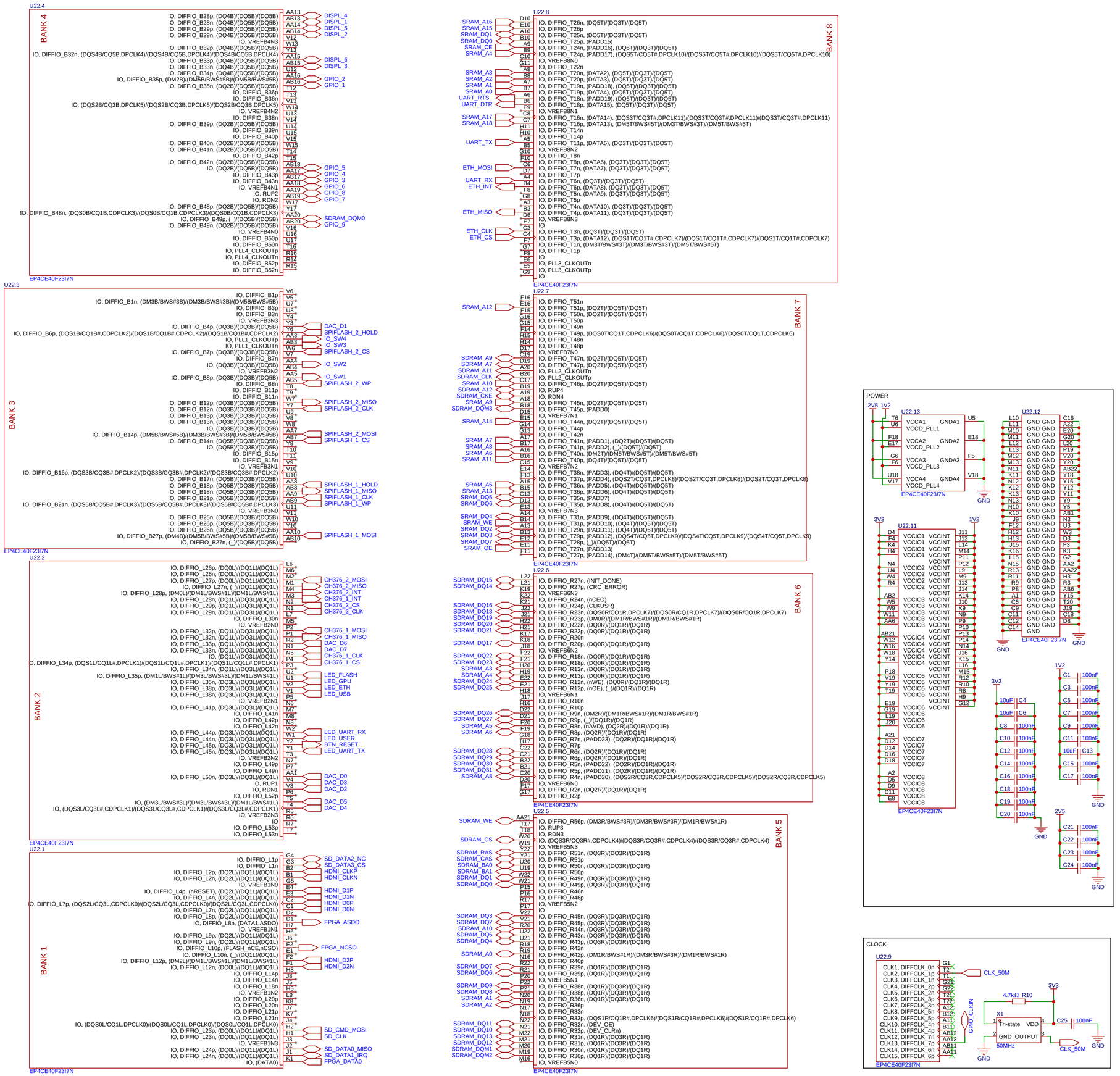
U22.4
BANK 4
EP4CE40F23I7N
U22.3
BANK 3
EP4CE40F23I7N
U22.2
BANK 2
EP4CE40F23I7N
U22.1
BANK 1
EP4CE40F23I7N
U22.8
BANK 8
EP4CE40F23I7N
U22.7
BANK 7
EP4CE40F23I7N
U22.6
BANK 6
EP4CE40F23I7N
U22.5
BANK 5
EP4CE40F23I7N
DAC_D1
SPIFLASH_2_HOLD
IO_SW4
IO_SW3
SPIFLASH_2_CS
IO_SW2
IO_SW1
SPIFLASH_2_WP
SPIFLASH_2_MISO
SPIFLASH_2_CLK
SPIFLASH_2_MOSI
SPIFLASH_1_CS
SPIFLASH_1_HOLD
SPIFLASH_1_MISO
SPIFLASH_1_CLK
SPIFLASH_1_WP
SPIFLASH_1_MOSI
FPGA_ASDO
FPGA_NCSO
HDMI_D2P
HDMI_D2N
HDMI_D1P
HDMI_D1N
HDMI_D0P
HDMI_D0N
HDMI_CLKP
HDMI_CLKN
SD_DATA2_NC
SD_DATA3_CS
SD_CMD_MOSI
SD_CLK
SD_DATA0_MISO
SD_DATA1_IRQ
FPGA_DATA0
CH376_2_MOSI
CH376_2_MISO
CH376_2_INT
CH376_2_CS
CH376_2_CLK
CH376_1_MOSI
CH376_1_MISO
DAC_D6
DAC_D7
CH376_1_CLK
CH376_1_CS
LED_FLASH
LED_GPU
LED_ETH
LED_USB
LED_UART_RX
LED_USER
BTN_RESET
LED_UART_TX
DAC_D0
DAC_D3
DAC_D2
DAC_D5
DAC_D4
GPIO_5
GPIO_4
GPIO_3
GPIO_6
GPIO_8
GPIO_7
SDRAM_DQM0
GPIO_9
DISPL_4
DISPL_1
DISPL_5
DISPL_2
DISPL_6
DISPL_3
GPIO_2
GPIO_1
SRAM_A16
SRAM_A15
SRAM_DQ1
SRAM_DQ0
SRAM_CE
SRAM_A4
SRAM_A3
SRAM_A2
SRAM_A1
SRAM_A0
UART_RTS
UART_DTR
SRAM_A17
SRAM_A18
UART_TX
ETH_MOSI
UART_RX
ETH_INT
ETH_MISO
ETH_CLK
ETH_CS
SDRAM_A9
SDRAM_A7
SDRAM_A11
SDRAM_CLK
SRAM_A10
SDRAM_A12
SDRAM_CKE
SRAM_A9
SDRAM_DQM3
SRAM_A14
SRAM_A7
SRAM_A8
SRAM_A6
SRAM_A11
SRAM_A5
SRAM_A13
SRAM_DQ5
SRAM_DQ6
SRAM_DQ4
SRAM_WE
SRAM_DQ2
SRAM_DQ3
SRAM_DQ7
SRAM_OE
SDRAM_DQ15
SDRAM_DQ14
SDRAM_DQ16
SDRAM_DQ18
SDRAM_DQ19
SDRAM_DQ20
SDRAM_DQ21
SDRAM_DQ17
SDRAM_DQ22
SDRAM_DQ23
SDRAM_A3
SDRAM_A4
SDRAM_DQ24
SDRAM_DQ25
SDRAM_DQ26
SDRAM_DQ27
SDRAM_A5
SDRAM_A6
SDRAM_DQ28
SDRAM_DQ29
SDRAM_DQ30
SDRAM_DQ31
SDRAM_A8
SDRAM_CS
SDRAM_RAS
SDRAM_CAS
SDRAM_BA0
SDRAM_BA1
SDRAM_DQ1
SDRAM_DQ0
SDRAM_DQ3
SDRAM_DQ2
SDRAM_A10
SDRAM_DQ5
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SDRAM_DQ7
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SDRAM_A2
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SDRAM_DQ13
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SDRAM_DQM2
SDRAM_WE
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SDRAM_DQ31
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SDRAM_RAS
SDRAM_CAS
SDRAM_BA0
SDRAM_BA1
SDRAM_DQ1
SDRAM_DQ0
SDRAM_DQ3
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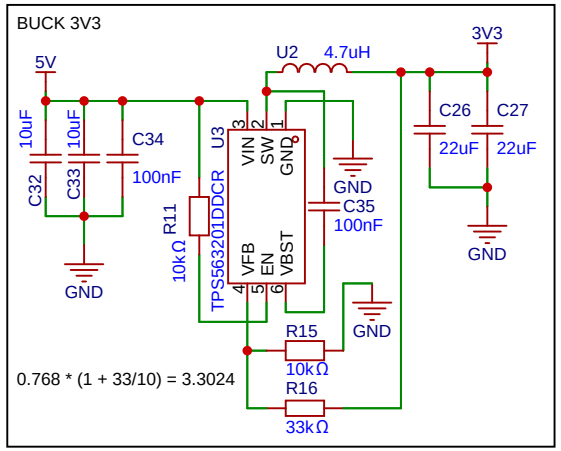
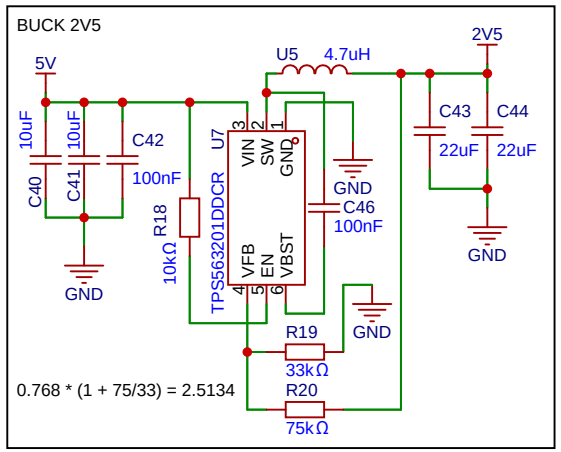
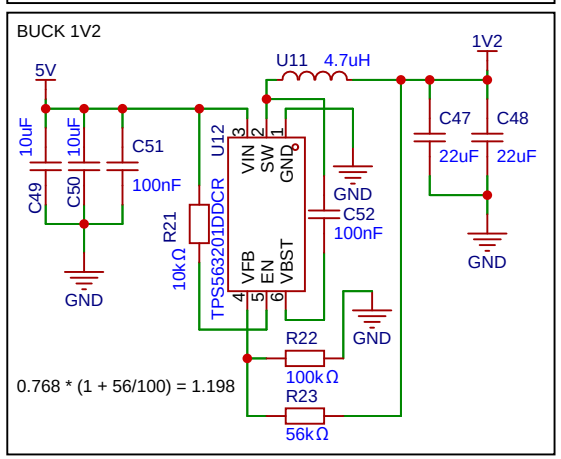
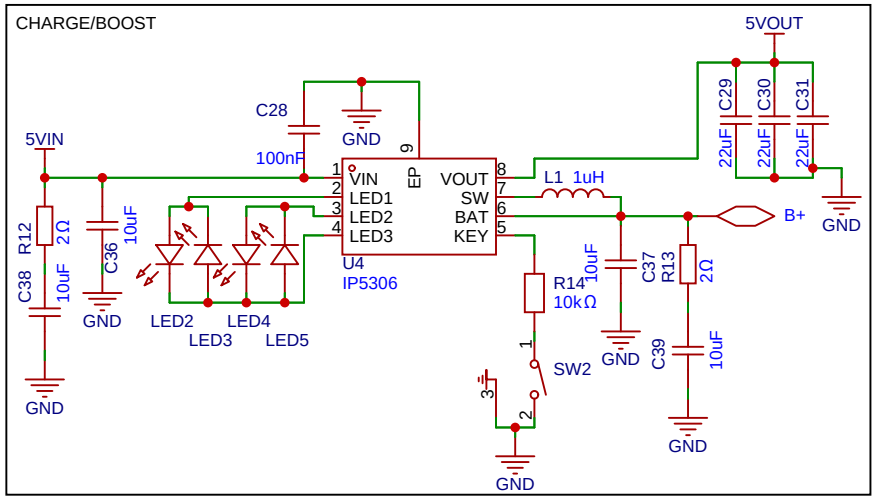
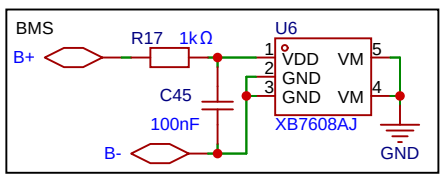
SDRAM_DQ7
SDRAM_DQ6
SDRAM_DQ9
SDRAM_DQ8
SDRAM_A1
SDRAM_A2
SDRAM_DQ11
SDRAM_DQ10
SDRAM_DQ13
SDRAM_DQ12
SDRAM_DQM1
SDRAM_DQM2
POWER
2V5 1V2
U22.13
EP4CE40F23I7N
U22.12
GND
3V3
U22.11
1V2
CONFIG
U22.10
EP4CE40F23I7N
W25Q64JVSSIQ
FPGA_DATA0
FPGA_NCSO
FPGA_DCLK
FPGA_ASDO
JTAG_TDI
JTAG_TDO
JTAG_TCK
JTAG_TMS
2.54-2*5P简牛
FPGA_CONF_DONE
FPGA_NCONFIG
CLOCK
U22.9
CLK_50M
GPIO_CLKIN
50MHz
Schematic1
Board1
FPGC-CycloneIV-AIO
Create at 2025-10-27
Update at 2025-11-24
Page FPGA
Drawn
Reviewed
Version V1.0
Size A4
Page 1 Total 4
EasyEDA
EasyEDA.com

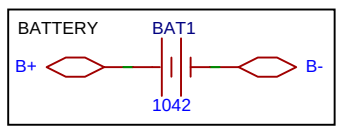


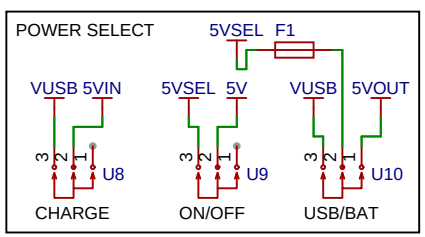


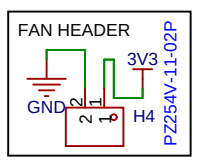




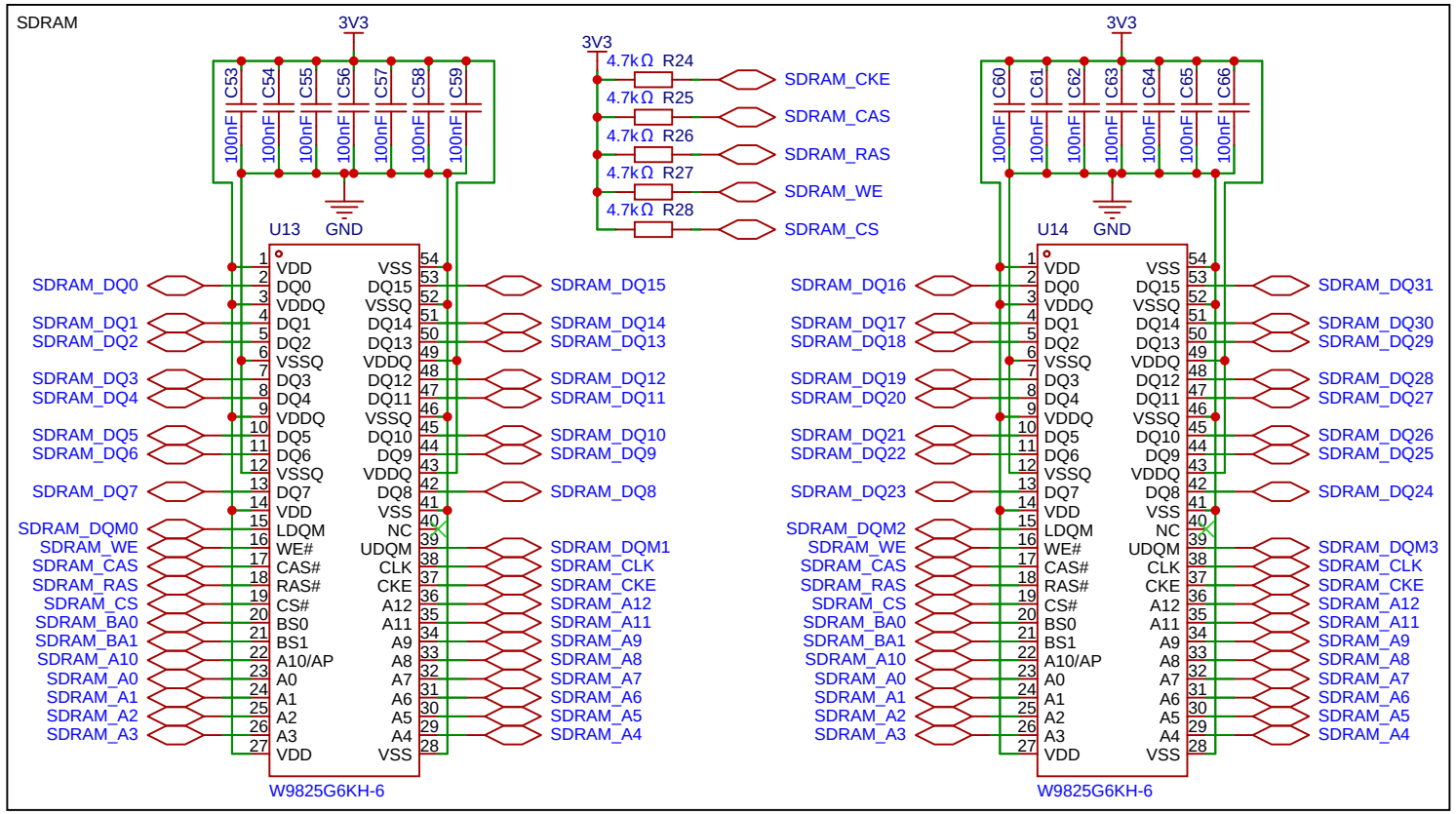


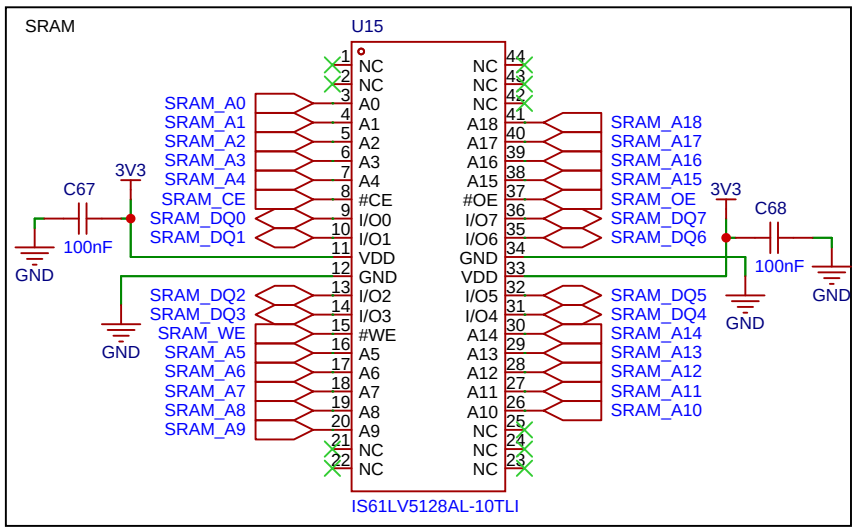




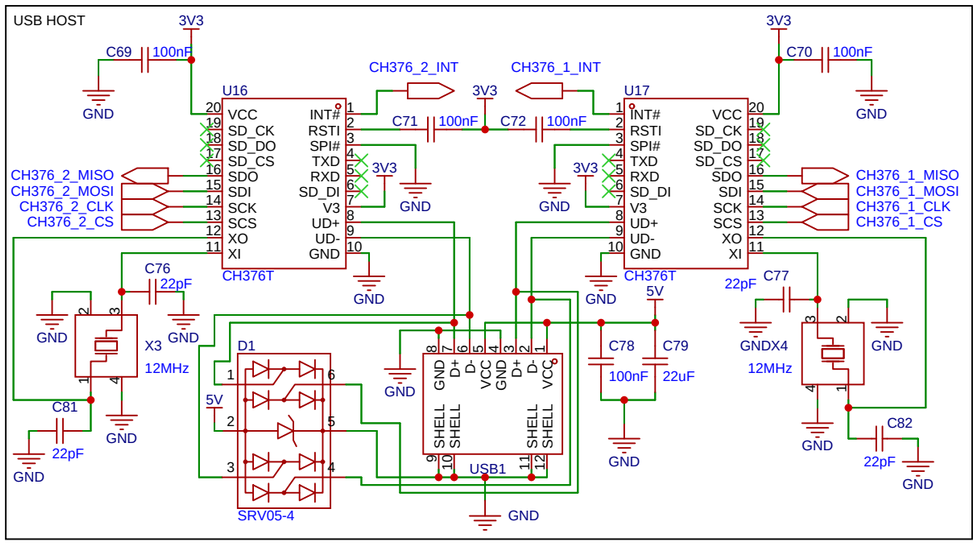


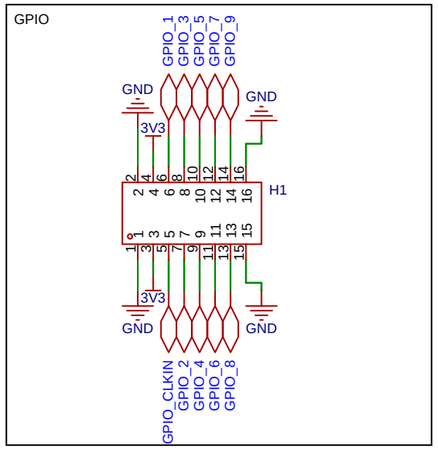
Schematic	Schematic1	Create at	2025-10-28
		Update at	2025-11-24
Board	Board1	Page	Power
Drawn		FPGC-CycloneIV-AIO	
Reviewed			
		Version	Size
EasyEDA	V1.0	A4	Page 2 Total 4
			EasyEDA.com

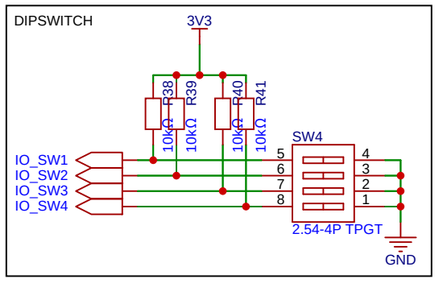


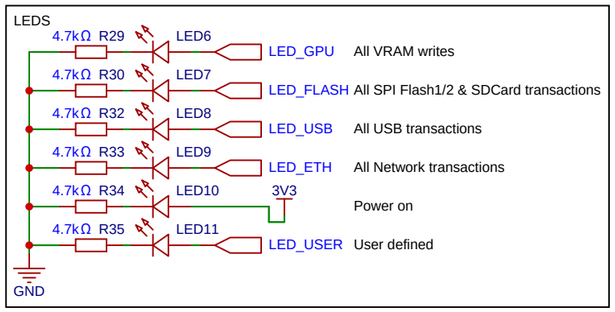


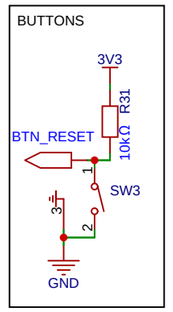
Schematic	Schematic1	Create at	2025-10-28
		Update at	2025-11-24
Board	Board1	Page	RAM
Drawn		FPGC-CycloneIV-AIO	
Reviewed			
		Version	Size	Page 3 Total 4
EasyEDA		V1.0	A4	EasyEDA.com

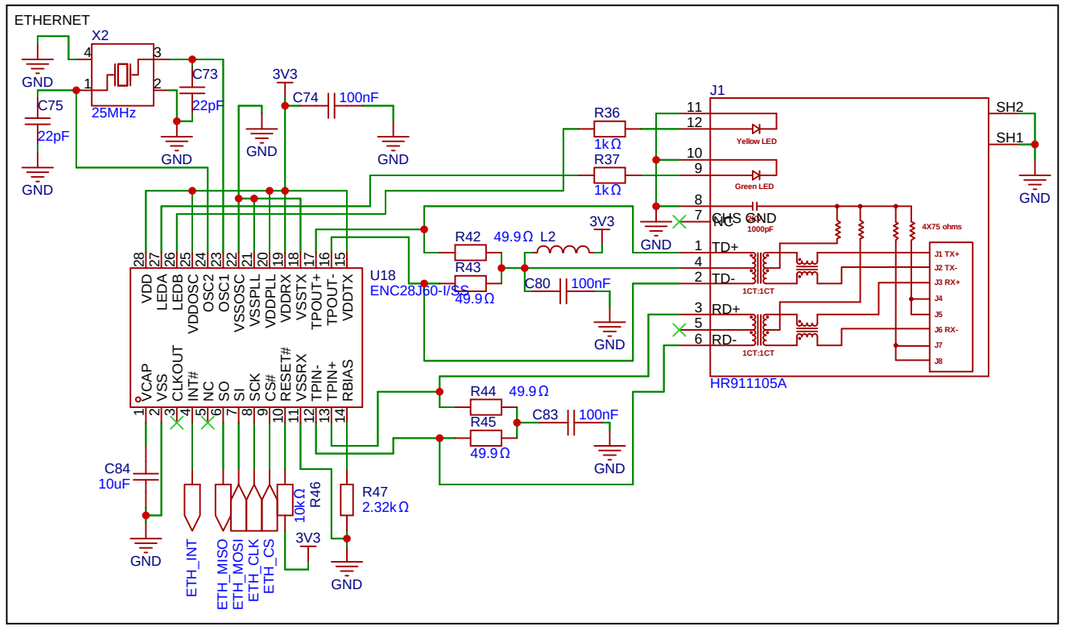


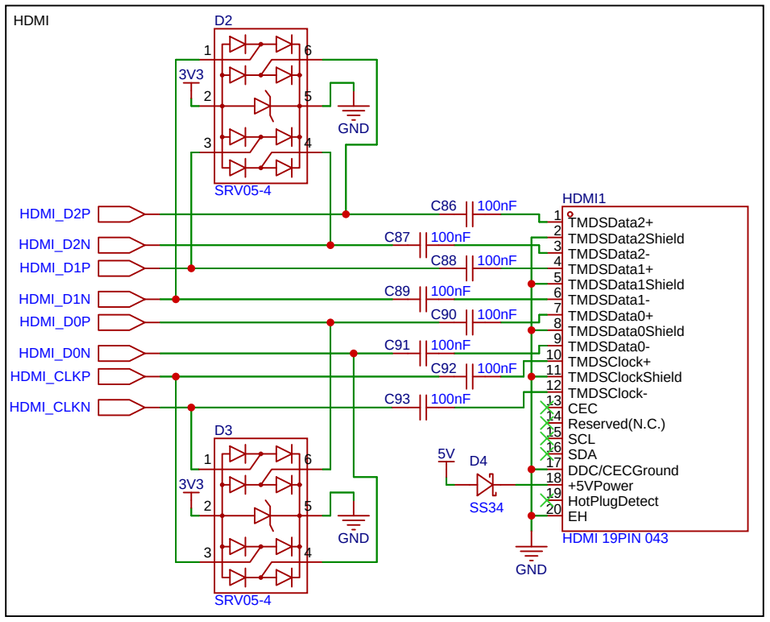


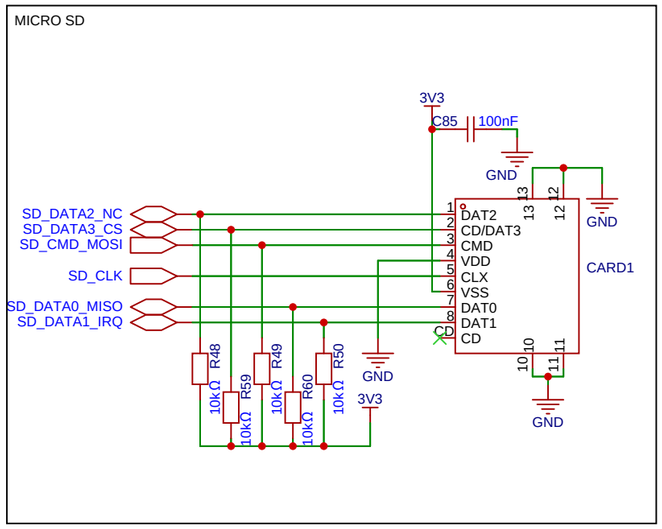


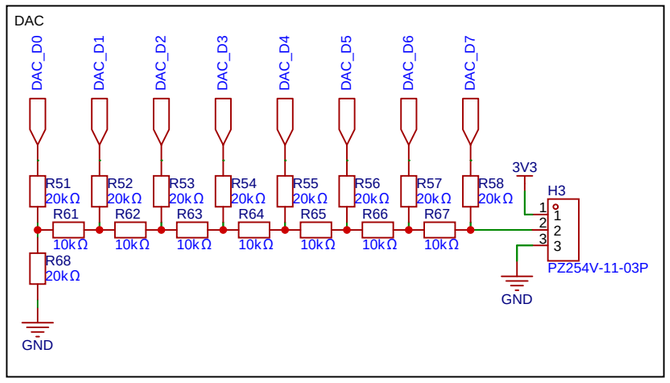


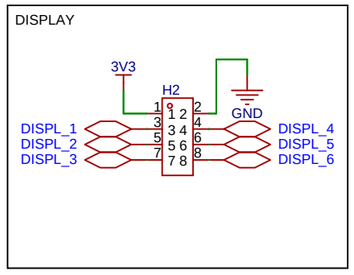


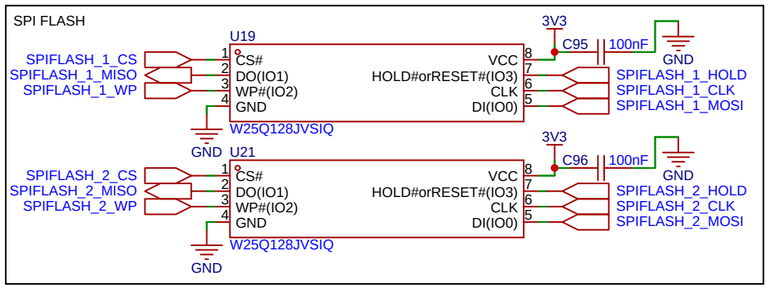


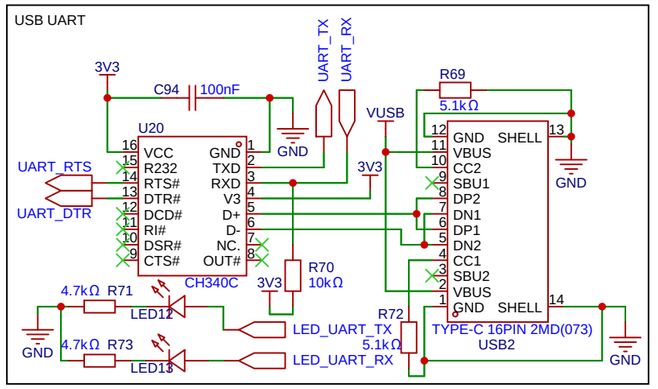












Schematic	Schematic1	Create at	2025-10-29
		Update at	2025-11-24
Board	Board1	Page	IO
Drawn		FPGC-CycloneIV-AIO	
Reviewed			
		Version	Size	Page 4 Total 4
EasyEDA		V1.0	A4	EasyEDA.com