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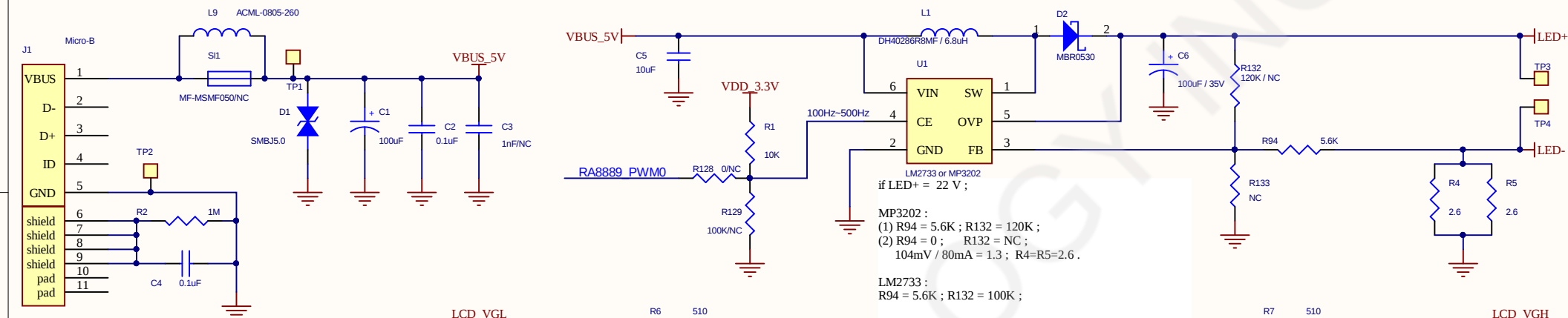
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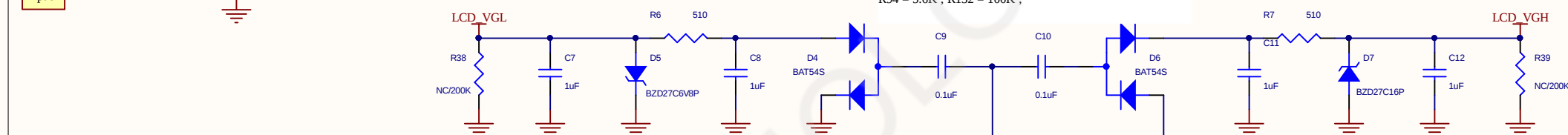
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A



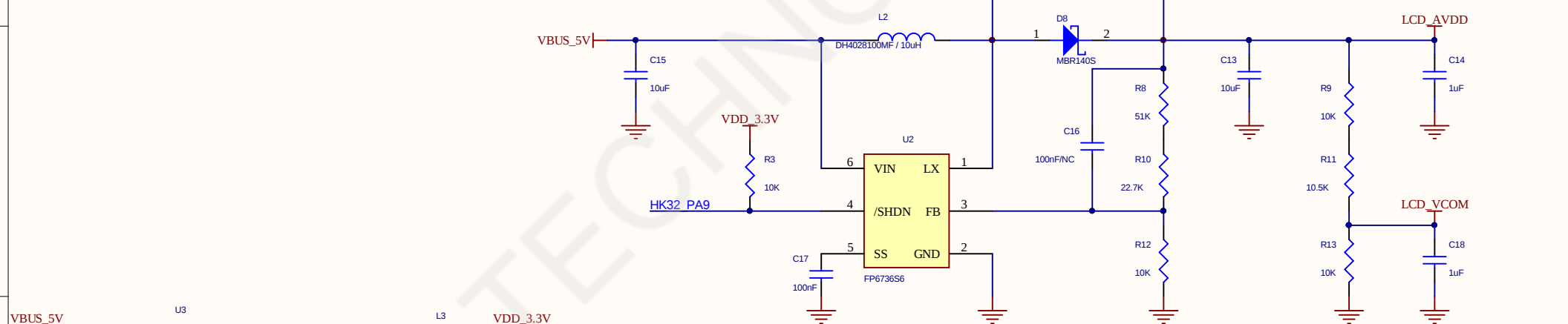
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B



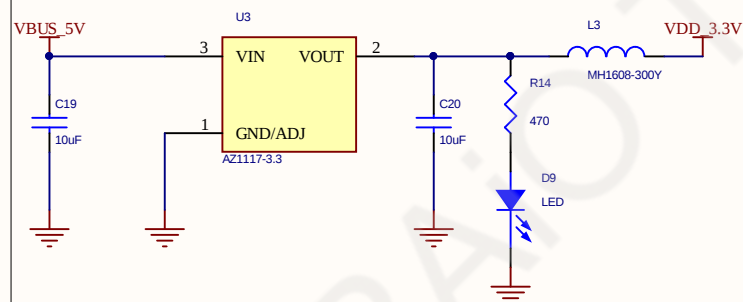
C

C



D

D



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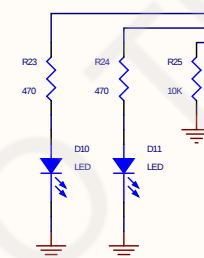
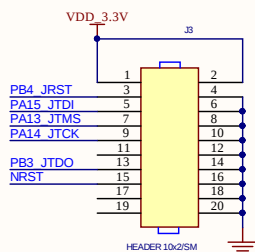
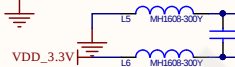
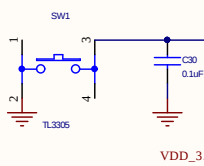
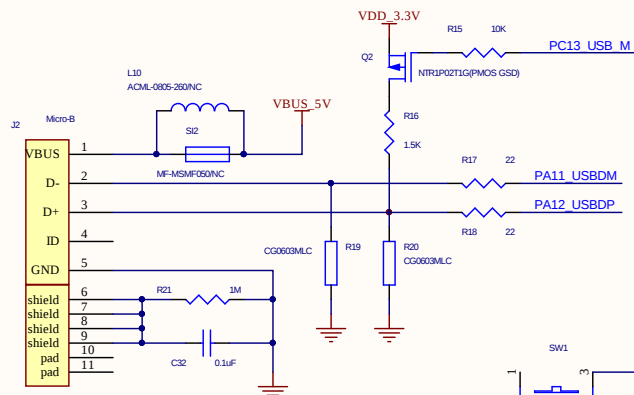
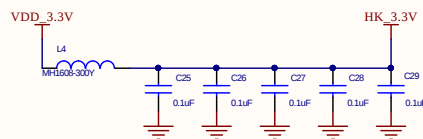
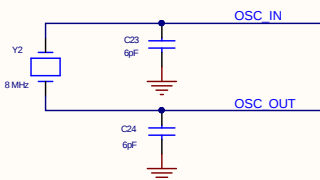
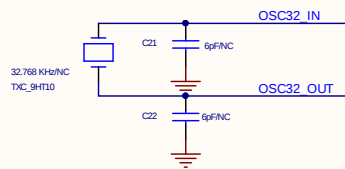
Size	Document Number	Rev
A	01_RA8889+HK_VDD	B_V1.1
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1

2

3

4



MCU_KEY_PE2	1	PE2/FSMC_A23	VDD_3	100	HK 3.3V
MCU_KEY_PE3	2	PE3/FSMC_A19	VSS_3	99	GND
	3	PE4/FSMC_A20	PE1	98	MCU_89_RST
	4	PE5/FSMC_A21	PE0	97	MCU_TP_RST
	5	PE6/FSMC_A22	PB9	96	MCU_TP_SDA
PC13_USB_M	7	VBAT	PB8	95	MCU_TP_SCL
OSC32_IN	8	PC13/TAMPER/RTC	BOOT0	94	
OSC32_OUT	9	PC14/OSC32_IN	PB7	93	MCU_SPII_CS3
OSC_IN	12	PC15/OSC32_OUT	PB6	92	MCU_TP_INT
OSC_OUT	14	VSS_5	PB5	91	MCU_89_INT
NRST	15	VDD_5	PB4_JRST	90	PB4_JRST
	16	OSC_IN	PB3_JTDO	89	PB3_JTDO
	17	OSC_OUT	MCU_89_CS	88	MCU_89_CS
	18	NRST	MCU_89_WAIT	87	MCU_89_WAIT
	19	PC0/IN10	MCU_89_RD	86	MCU_89_RD
	20	PC1/IN11	PD7/FSMC_NE1	85	MCU_89_RD
	21	PC2/IN12	PD6/FSMC_NWAIT	84	
	22	PC3/IN13	PD5/FSMC_NWE	83	PD2_SDIO_CMD
	23	VSSA	PD4/FSMC_NOE	82	MCU_89_DB3
	24	VREF+	PD3/FSMC_CLK	81	MCU_89_DB2
	25	VDDA	PD2/SDIO_CMD	80	PC12_SDIO_CLK
	26	PA0-WKUP	PD1/FSMC_D3	79	PC11_SDIO_D3
	27	PA1	PD0/FSMC_D2	78	PC10_SDIO_D2
	28	PA2	PC12/SDIO_D1	77	PA15_JTCK
	29	PA3	PC11/SDIO_D3	76	PA14_JTCK
	30	VSS_4	PC10/SDIO_D2	75	HK 3.3V
	31	VDD_4	PA14/JTCK	74	GND
	32	MCU_SPII_NSS		73	
	33	MCU_SPII_SCK	PA13	72	PA13_JTMS
	34	MCU_SPII_MISO	PA12	71	PA12_USBDP
	35	MCU_SPII_MOSI	PA11	70	PA11_USBDM
	36	PA/SPII_MOSI	PA10	69	
	37	PC4/IN14	PA9	68	HK32_PA9
	38	PC5/IN15	PA8	67	
	39	PB0	PA7	66	PC9_SDIO_D1
	40	PB1	PA6	65	PC8_SDIO_D0
	41	PB2/BOOT1	PA5	64	
	42	PE7/FSMC_D4	PA4	63	
	43	PE8/FSMC_D5	PA3	62	MCU_89_DB1
	44	PE9/FSMC_D6	PA2	61	MCU_89_DB0
	45	PE10/FSMC_D7	PA1	60	
	46	PE11/FSMC_D8	PA0	59	
	47	PE12/FSMC_D9	PD15/FSMC_D1	58	MCU_89_RS/A0
	48	PE13/FSMC_D10	PD14/FSMC_D0	57	MCU_89_DB15
	49	PE14/FSMC_D11	PD13/FSMC_A18	56	MCU_89_DB14
	50	PE15/FSMC_D12	PD12/FSMC_A17	55	MCU_89_DB13
	51	PB10/I2C2_SCL	PD11/FSMC_A16	54	
	52	PB11/I2C2_SDA	PD10/FSMC_D15	53	
	53	VSS_1	PD9/FSMC_D14	52	
	54	VDD_1	PD8/FSMC_D13	51	

MCU_89_DB0	1	8	RA8889_DB0
MCU_89_DB1	2	7	RA8889_DB1
MCU_89_DB2	3	6	RA8889_DB2
MCU_89_DB3	4	5	RA8889_DB3

MCU_89_DB4	1	8	RA8889_DB4
MCU_89_DB5	2	7	RA8889_DB5
MCU_89_DB6	3	6	RA8889_DB6
MCU_89_DB7	4	5	RA8889_DB7

MCU_89_DB8	1	8	RA8889_DB8
MCU_89_DB9	2	7	RA8889_DB9
MCU_89_DB10	3	6	RA8889_DB10
MCU_89_DB11	4	5	RA8889_DB11

MCU_89_DB12	1	8	RA8889_DB12
MCU_89_DB13	2	7	RA8889_DB13
MCU_89_DB14	3	6	RA8889_DB14
MCU_89_DB15	4	5	RA8889_DB15

MCU_89_CS	1	8	RA8889_CS
MCU_89_WR	2	7	RA8889_WR
MCU_89_RD	3	6	RA8889_RD
MCU_89_RS/A0	4	5	RA8889_RS/A0

MCU_89_RST	R26	22	RA8889_RST
MCU_89_INT	R27	22	RA8889_INT
MCU_89_WAIT	R28	22	RA8889_WAIT

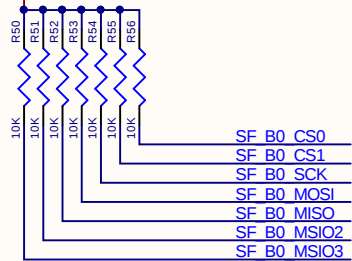
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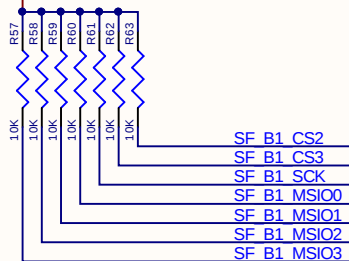
Size A
Document Number
02_RA8889+HK_HK32F103
Rev B_V1.1

Date: 2022.05.17
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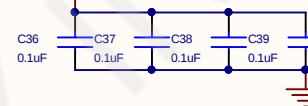
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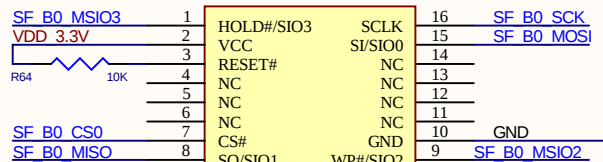
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VDD_3.3V

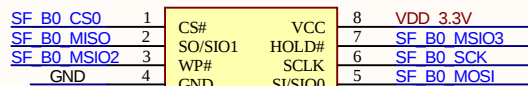


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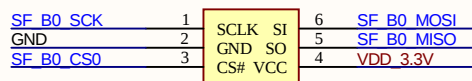
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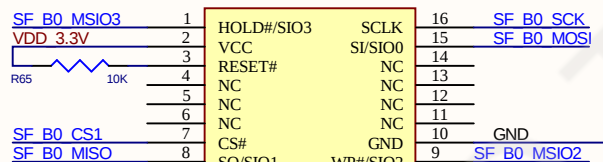
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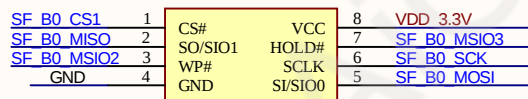
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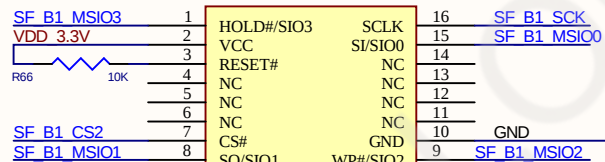
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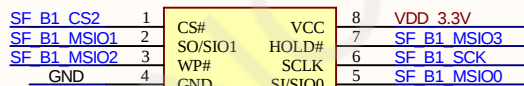
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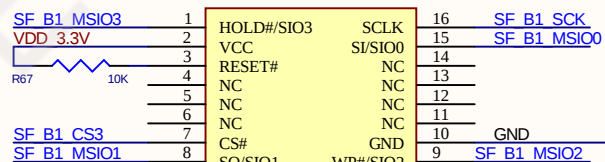
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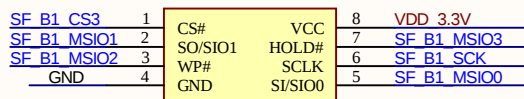
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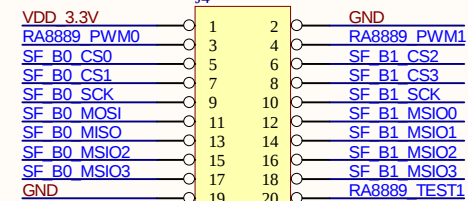
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Serial Flash_256M_SOP8

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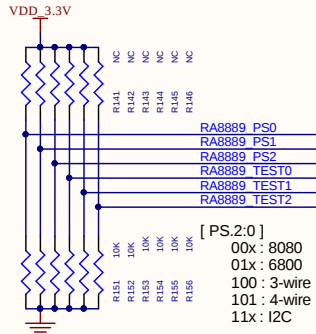
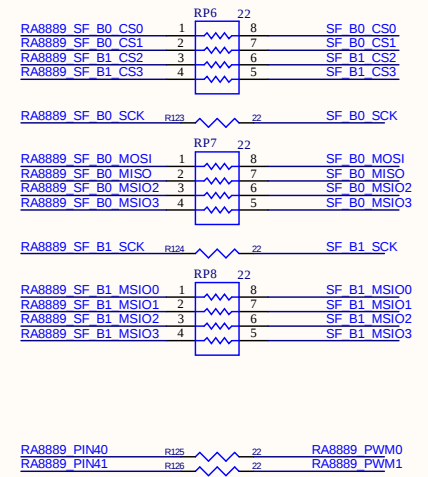
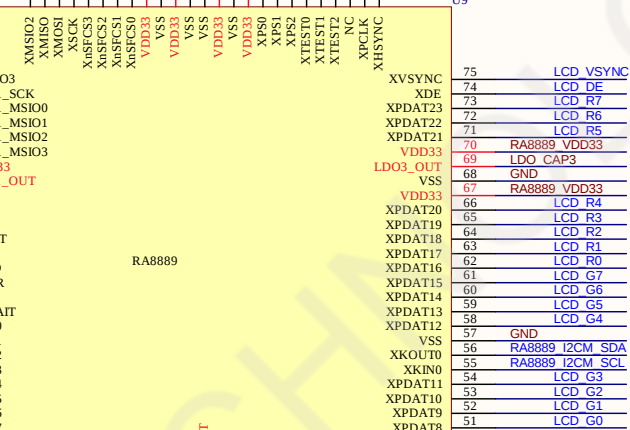
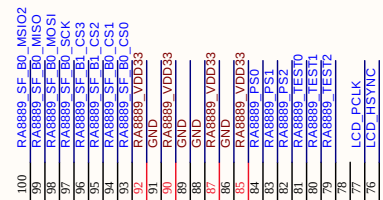
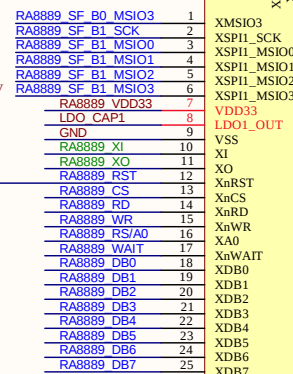
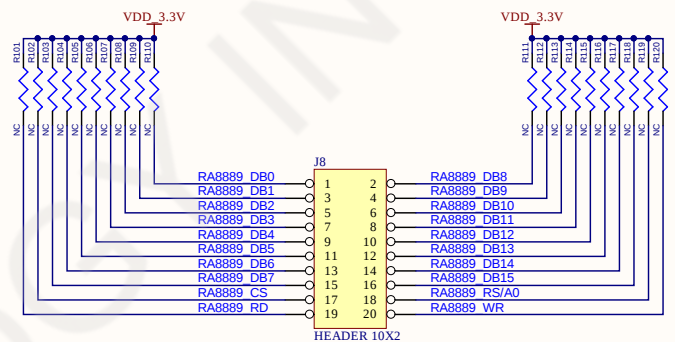
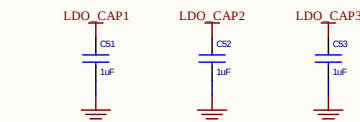
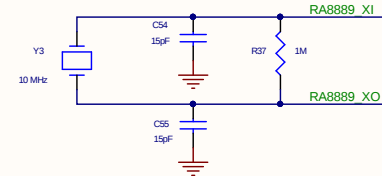
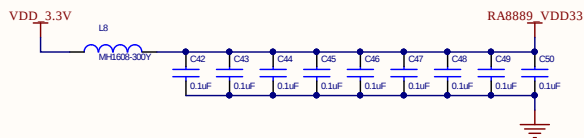
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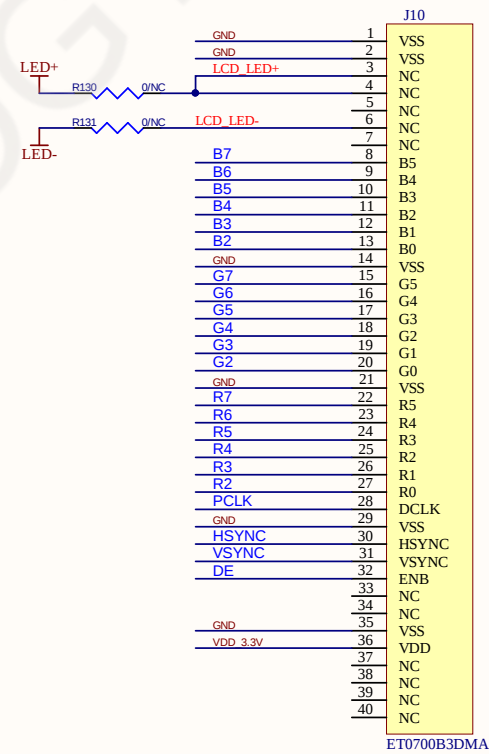
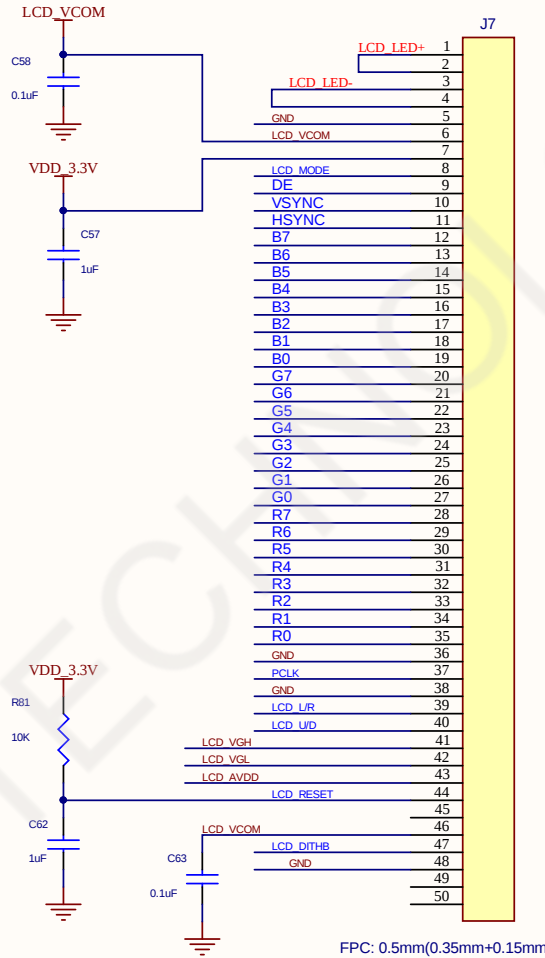
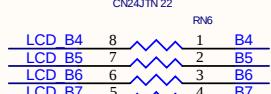
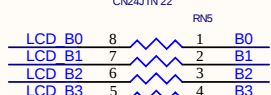
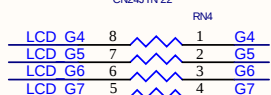
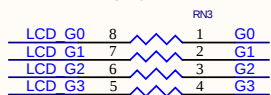
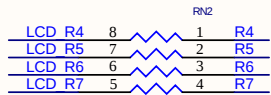
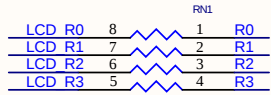
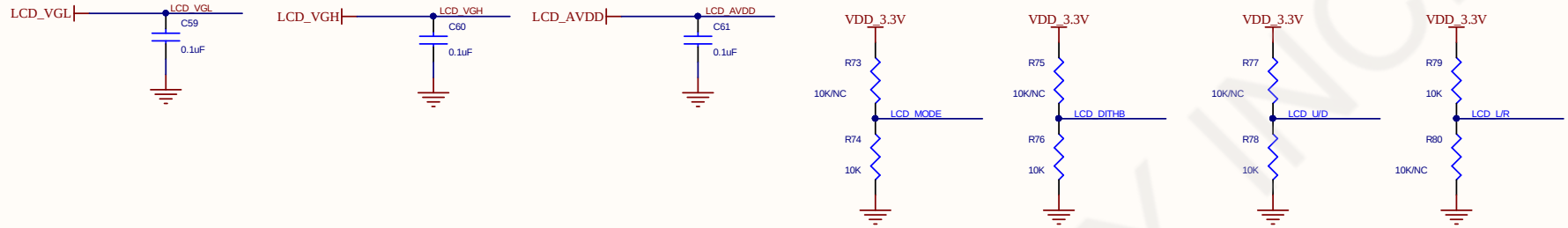
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01x : 6800

100 : 3-wire

101 : 4-wire

11x : I2C



FPC: 0.5mm(0.35mm+0.15mm)

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Size

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A

05_RA8889+HK_LCD

B_V1.1

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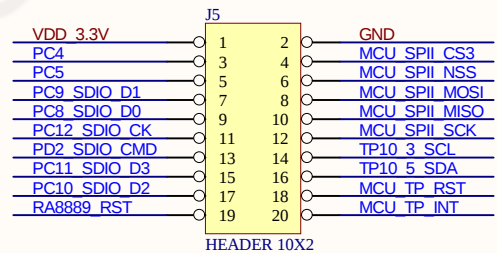
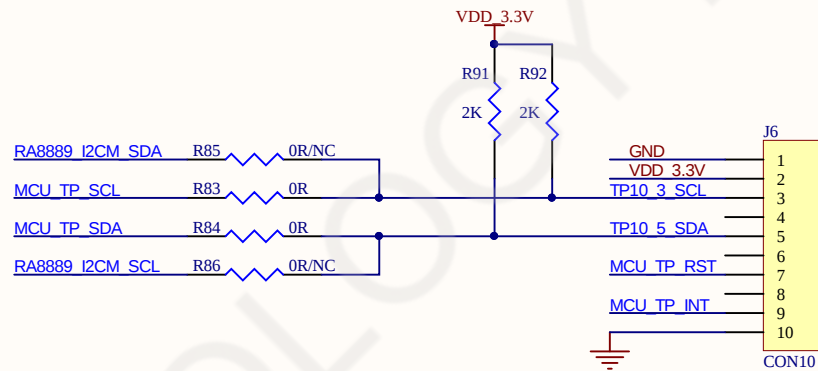
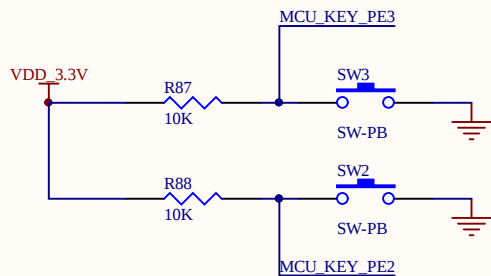
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