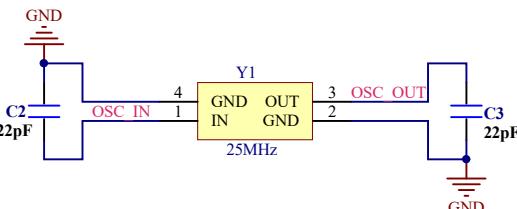
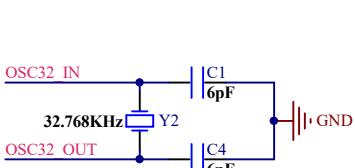


U1A		
PA0_C T1	PA0_C	D13 PD0 FMC D2
SDMMC2 CMD	PA0_N5	E12 PD1 FMC D3
PA0_	PA1_C T2	PA0_ D12 PD2 SDMMC1 CMD
PA1_	PA1_N4	PD2 B12 PD3
WKUP	PA2_N3	PD3 A12 PD4
LED0	PA3_U2	PD4 A11 PD5
DCMI HSYNC	PA4_U3	PD5 B11 PD6
PA5	PA5_T3	PD6 C11 PD7
DCMI PIXCLK	PA6_R3	PD7 U16 PD8 FMC D13
KEY0	PA8_E15	PD8 T17 PD9 FMC D14
USART1 TX	PA9_D15	PD9 T16 PD10 FMC D15
USART1 RX	PA10_D14	PD10 R15 PD11 DCMI SCL
USB FS DM	PA11_E17	PD11 R16 PD12 I2C4 SCL
USB FS DP	PA12_E16	PD12 R17 PD13 I2C4 SDA
SWDIO	PA13_C15	PD13 P16 PD14 FMC D0
SWCLK	PA14_B14	PD14 P15 PD15 FMC D1
PA15_A14	PA15	PE0 C4 PE0 FMC NBL0
BL CTR	PB0_U5	PE1 B4 PE1 FMC NBL1
LED1	PB1_T5	PE2 C3 PE2 SPI4 SCK
PB2	PB2_R6	PE3 D3 PE3
SDMMC2 D2	PB3_C6	PE4 D2 PE4 SPI4 CS
SDMMC2 D3	PB4_B7	PE5 D1 PE5 SPI4 MISO
CTP-INT RTP-PEN	PB5_A5	PE6 E5 PE6 SPI4 MOSI
DCMI D5	PB6_B5	PE7 U9 PE7 FMC D4
DCMI VSYNC	PB7_C5	PE8 T9 PE8 FMC D5
DCMI D6	PB8_D5	PE9 P9 PE9 FMC D6
DCMI D7	PB9_D4	PE10 N9 PE10 FMC D7
I2C2 SCL	CTP-SCL RTP-SCK	PB10 P10 PE11 FMC D8
I2C2 SDA	CTP-SDA RTP MOSI	PB11 R10 PE12 FMC D9
CTP-RST RTP-CS	PB12_T14	PB12 T10 PE13 FMC D10
RTP MISO	PB13_U14	PB13 U10 PE14 FMC D11
SDMMC2 D0	PB14_U15	PB14 R11 PE15 FMC D12
SDMMC2 D1	PB15_T15	PC0 G4 PF0 FMC A0
FMC SDNWE	PC0_L2	PC1 PF1 G3 PF1 FMC A1
SDMMC2 CK	PC1_M2	PC1 PF2 G1 PF2 FMC A2
PC2_M3	PC2_C R1	PC2 PF3 I4 PF3 FMC A3
LCD DC	PC3_M4	PC3 PF4 J5 PF4 FMC A4
PC3_C R2	PC3_C	PC3 PF5 J4 PF5 FMC A5
PC4_T4	PC4	PC5 PF6 K2 PF6 QSPI BK1 IO3
PC5_U4	PC5	PC6 PF7 K3 PF7 QSPI BK1 IO2
DCMI D0	PC6_F14	PC7 PF8 K4 PF8 QSPI BK1 IO0
DCMI D1	PC7_F13	PC8 PF9 L4 PF9 QSPI BK1 IO1
SDMMC1 D0	PC8_E13	PC9 PF10 L3 PF10 QSPI CLK
SDMMC1 D1	PC9_E14	PC9 PF11 T7 PF11 FMC SDNRAS
DCMI D3	PC10_A13	PC10 PF12 R7 PF12 FMC A6
SDMMC1 D3	PC11_B13	PC11 PF13 P7 PF13 FMC A7
SDMMC1 CK	PC12_C12	PC12 PF14 P8 PF14 FMC A8
PC13_E3	PC14_C2	PC14 OSC32_IN Y1 GND OUT 25MHz
OSC32 IN	PC15_C1	PC15 OSC32_OUT C2
OSC32 OUT	PC14_C2	Y1 GND IN GND 25MHz
OSC32 OUT	PC15_C1	PC14 OSC32_IN Y1 GND OUT 25MHz

STM32H743XIH6

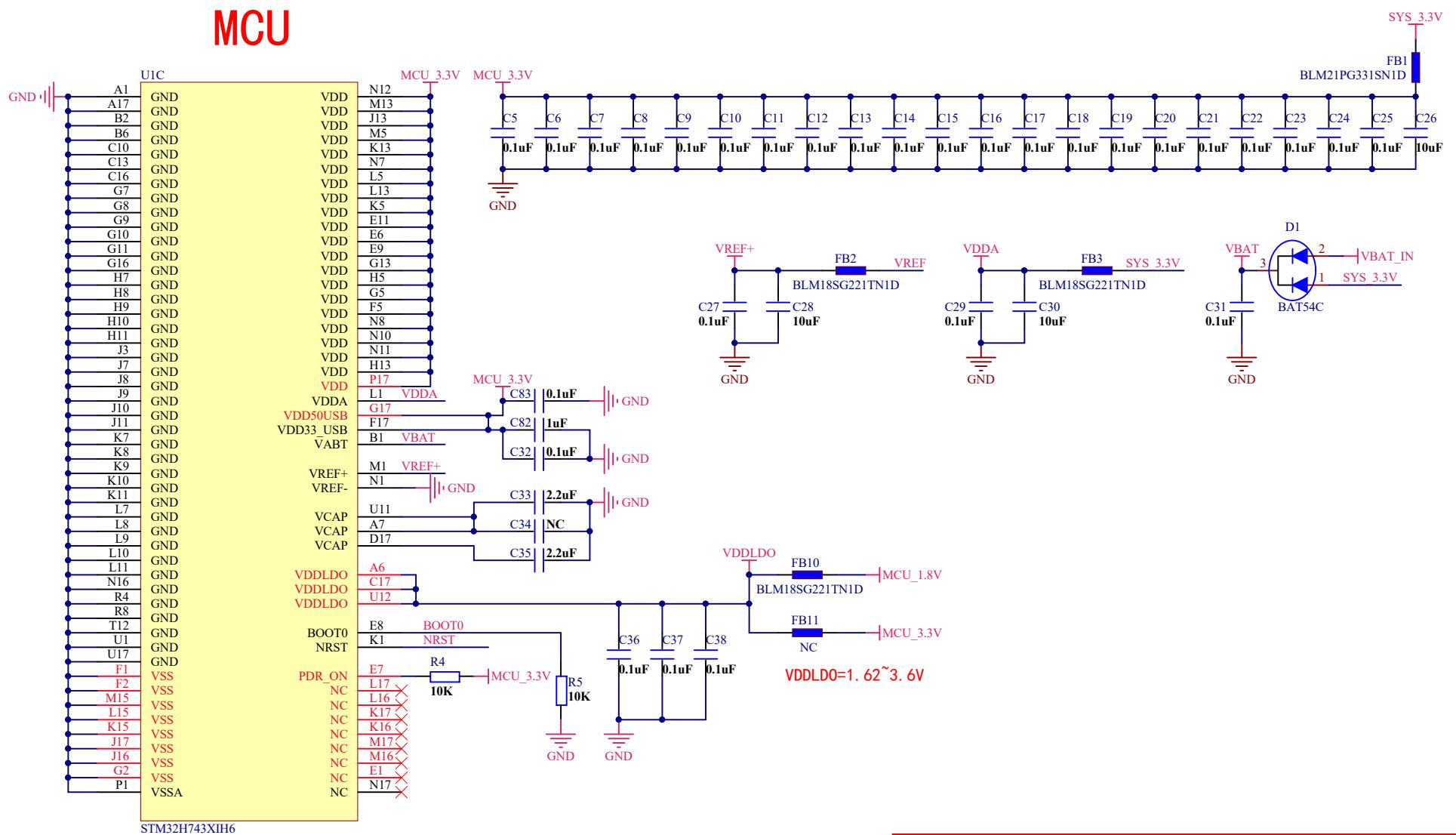


MCU

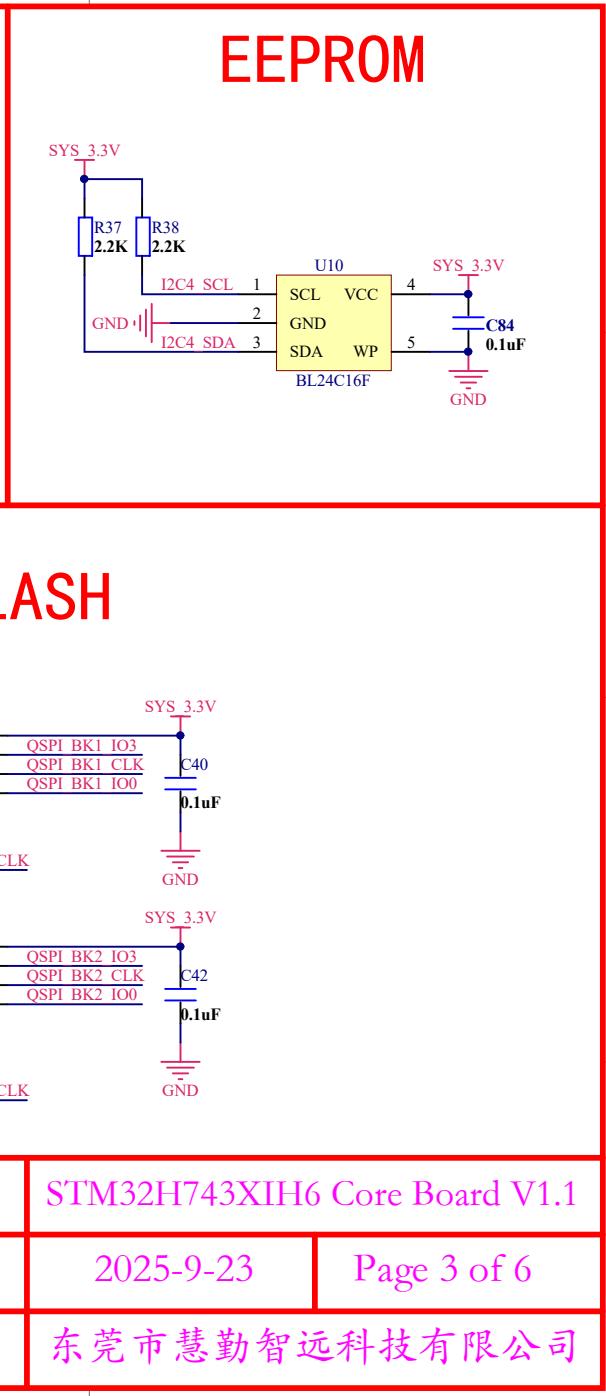
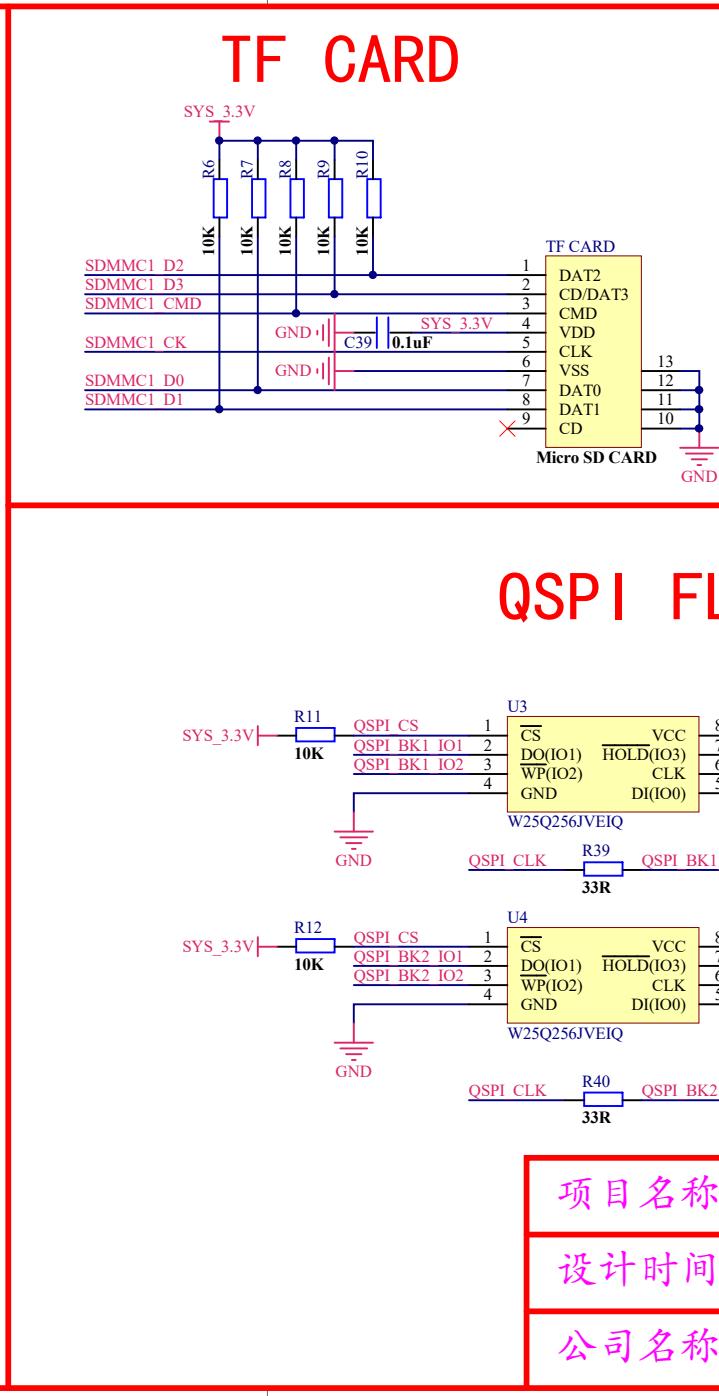
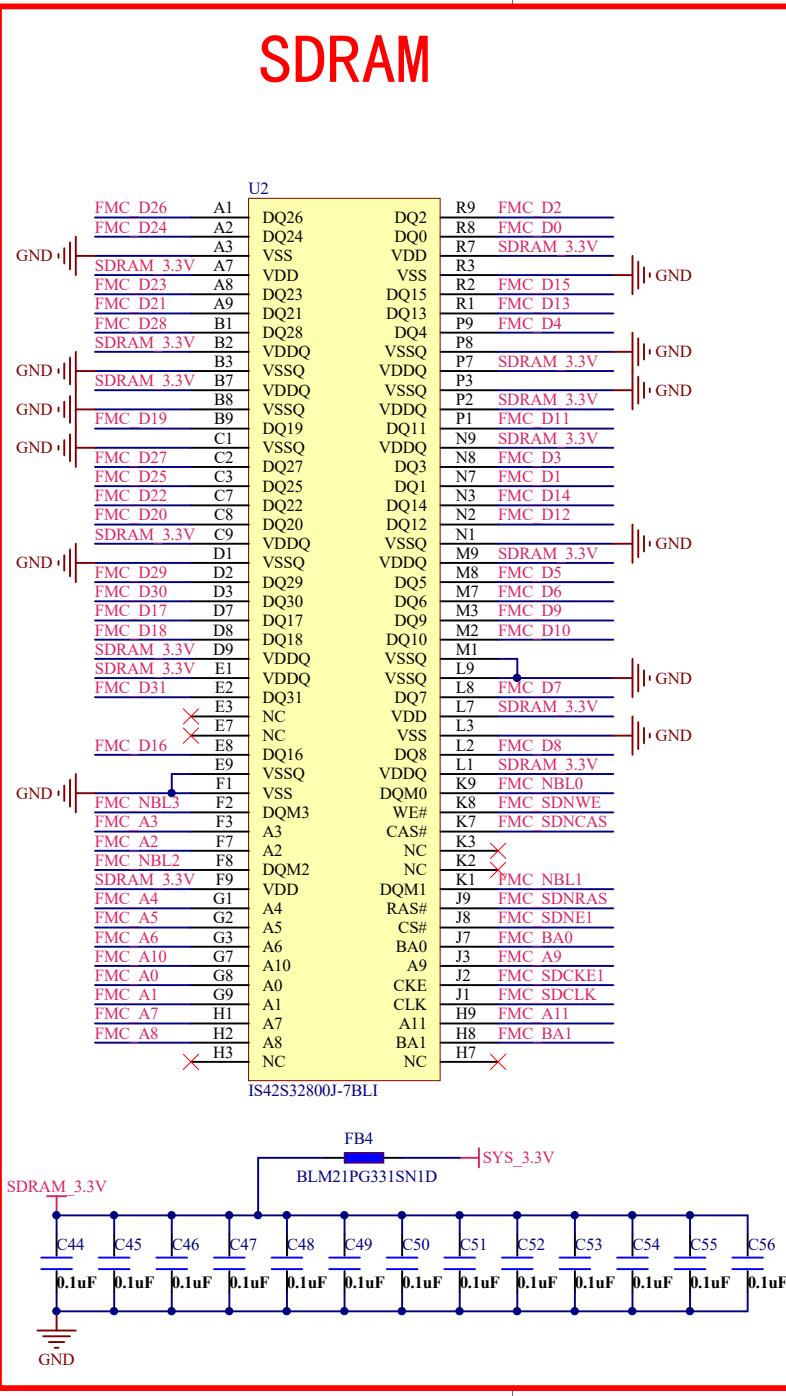
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FMC A10	PG0	T8
FMC A11	PG1	U8
LED EN	PG2	H16
DCMI SDA	PG3	H15
FMC BA0	PG4	H14
FMC BA1	PG5	G14
QSPI CS	PG6	G15
DCMI PDWN	PG7	F16
FMC SDCLK	PG8	F15
QSPI BK2 IO2	PG9	A10
PG10	A9	
PG11	B9	
PG12	C9	
PG13	D9	
QSPI BK2 IO3	PG14	D8
FMC SDNCAS	PG15	D6
OSC IN	PH0	J2
OSC OUT	PH1	J1
QSPI BK2 IO0	PH2	N2
QSPI BK2 IO1	PH3	P2
PH4	P3	
LCD RST	PH5	P4
FMC SDNE1	PH6	T11
FMC SDCKE1	PH7	U13
FMC D16	PH8	T13
FMC D17	PH9	R13
FMC D18	PH10	P13
FMC D19	PH11	P14
FMC D20	PH12	R14
FMC D21	PH13	D16
FMC D22	PH14	B17
FMC D23	PH15	B16
PH0-OSC_IN		
PH1-OSC_OUT		
PH2		
PH3		
PH4		
PH5		
PH6		
PH7		
PH8		
PH9		
PH10		
PH11		
PH12		
PH13		
PH14		
PH15		
N6 PJ0		LCD R1
P6 PJ1		LCD R2
T6 PJ2		LCD R3
U6 PJ3		LCD R4
U7 PJ4		LCD R5
R12 PJ5		LCD R6
N15 PJ6		LCD R7
PJ6		LCD G0
N14 PJ7		LCD G1
N13 PJ8		LCD G2
M14 PJ9		LCD G3
L14 PJ10		LCD G4
K14 PJ11		LCD G5
D11 PJ12		LCD B0
PJ12		E10 PJ13
PJ13		LCD B1
D10 PJ14		LCD B2
B10 PJ15		LCD B3
PK0		LCD G5
J15 PK1		LCD G6
PK2		LCD G7
C8 PK3		LCD B4
B8 PK4		LCD B5
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PK5		LCD B7
C7 PK6		LCD B7
D7 PK7		LCD DEN

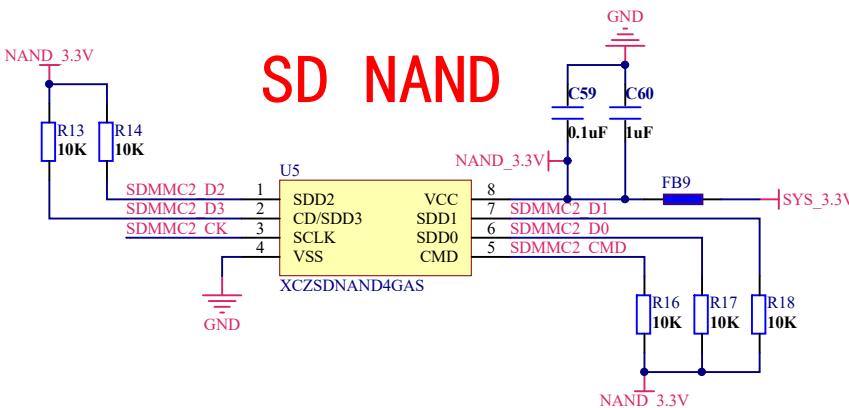
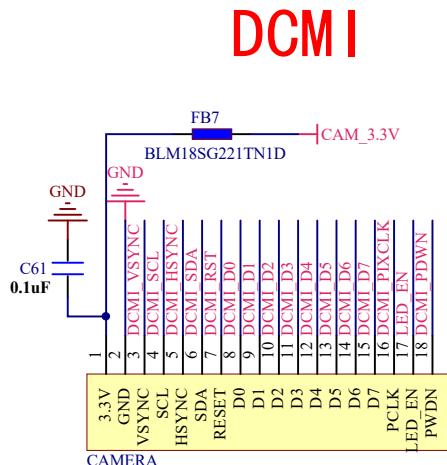
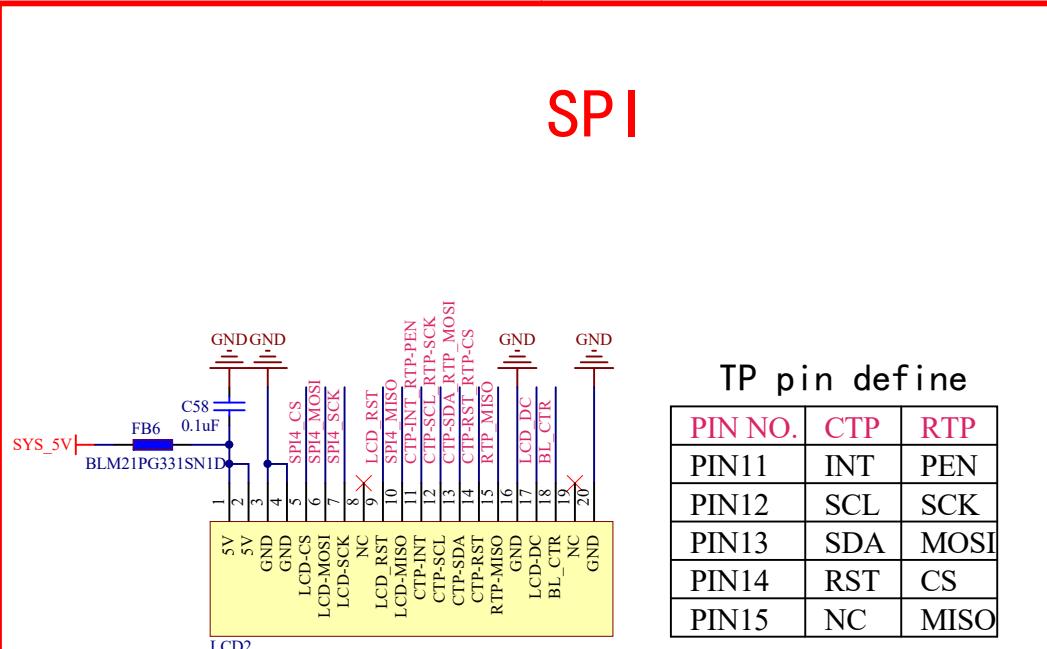
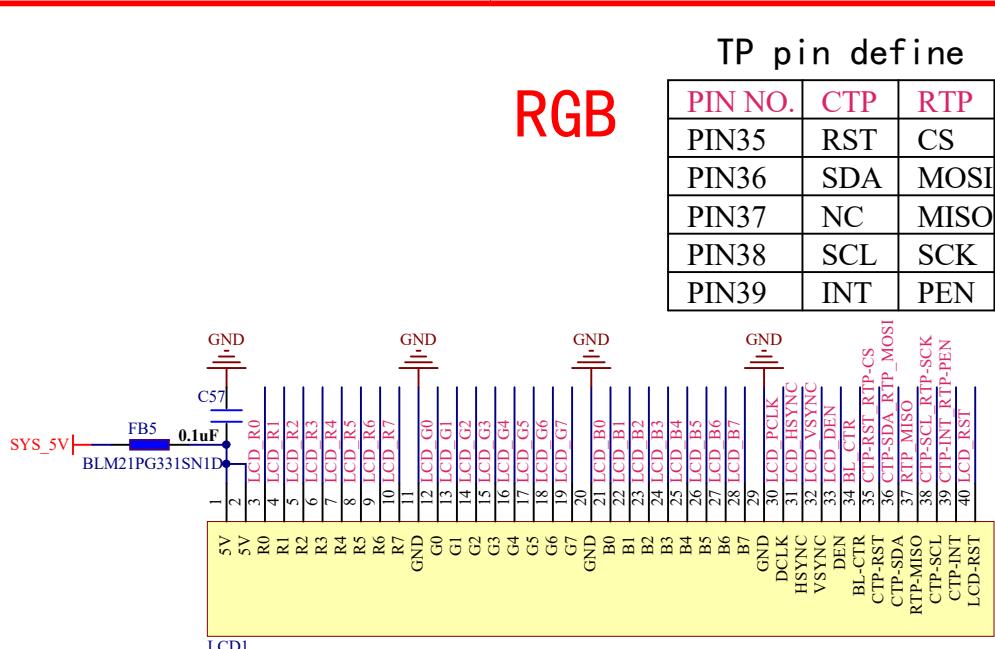
STM32H743XIH6

项目名称	STM32H743XIH6 Core Board V1.1	
设计时间	2025-9-23	
公司名称	东莞市慧勤智远科技有限公司	



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项目名称	STM32H743XIH6 Core Board V1.1	
设计时间	2025-9-23	Page 4 of 6
公司名称	东莞市慧勤智远科技有限公司	

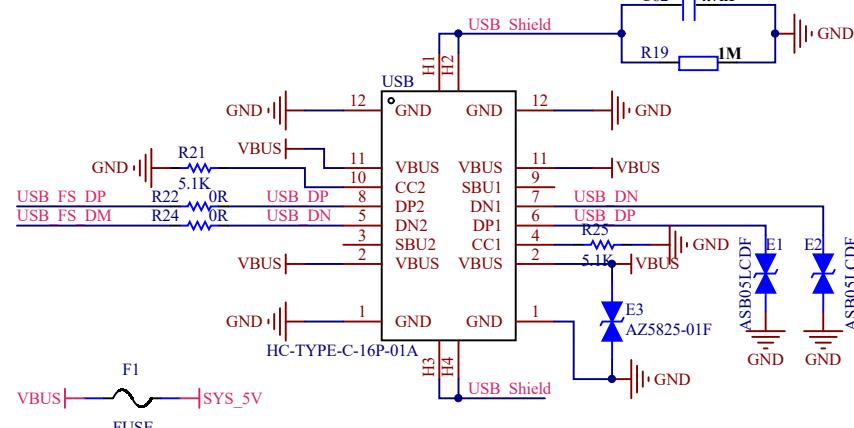
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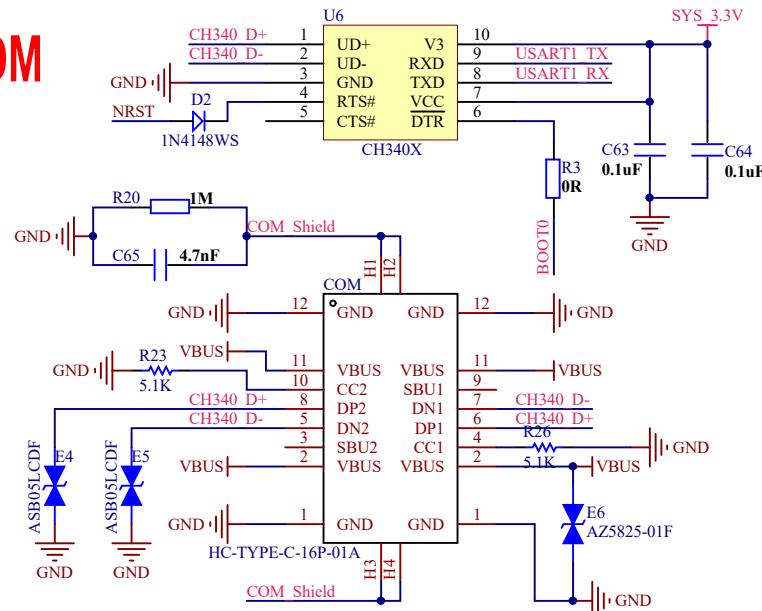
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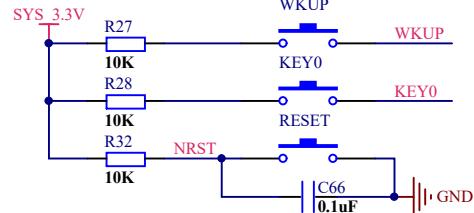
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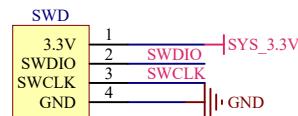
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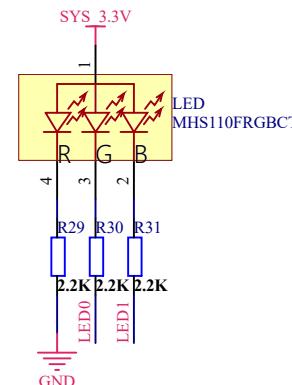
KEY



SWD



LED



项目名称

STM32H743XIH6 Core Board V1.1

设计时间

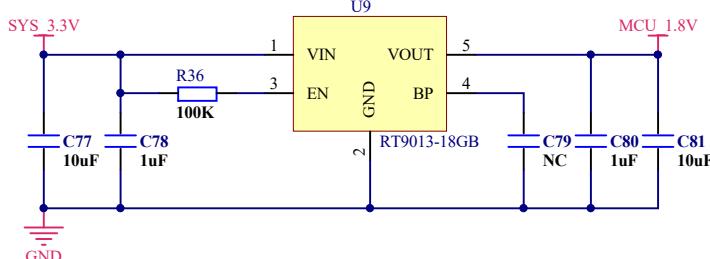
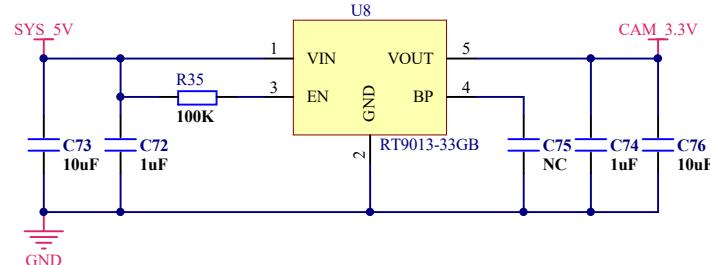
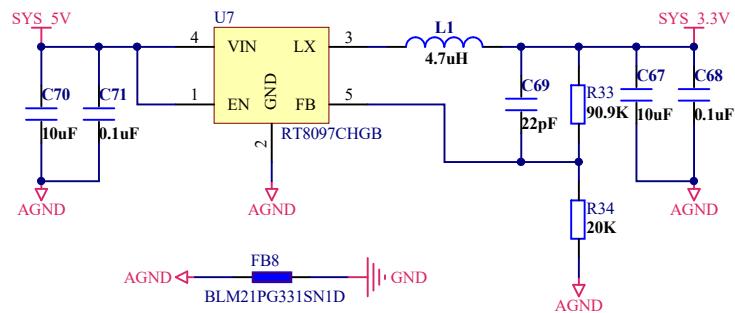
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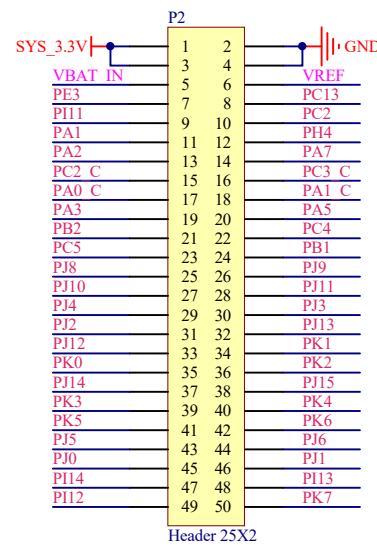
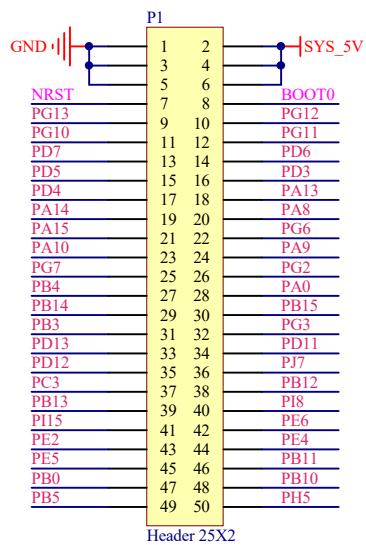
公司名称

东莞市慧勤智远科技有限公司

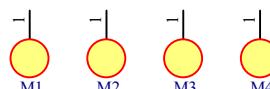
POWER



GPIO



M3 HOLE



项目名称	STM32H743XIH6 Core Board V1.1	
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