

## eMMC

SDMMC1_CMD	PD2
SDMMC1_CK	PC12
SDMMC1_D0	PC8
SDMMC1_D1	PC9
SDMMC1_D2	PC10
SDMMC1_D3	PC11
SDMMC1_D4	PB8
SDMMC1_D5	PB9
SDMMC1_D6	PC6
SDMMC1 D7	PC7

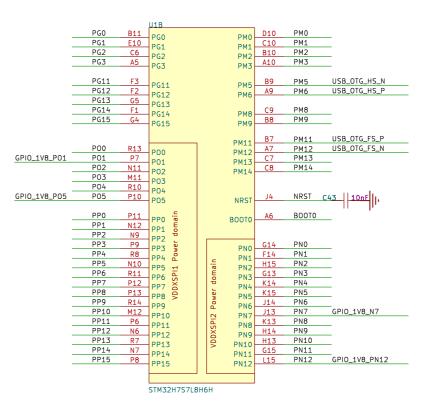
## HexaSPI PSRAM

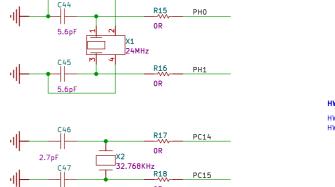
HEXASPI_NCS	P00
HEXASPI_CLK	P04
HEXASPI_DQS0	P02
HEXASPI_IO0	PP0
HEXASPI_IO1	PP1
HEXASPI_I02	PP2
HEXASPI_I03	PP3
HEXASPI_I04	PP4
HEXASPI_I05	PP5
HEXASPI_IO6	PP6
HEXASPI_I07	PP7
HEXASPI_DQS1	P03
HEXASPI_I08	PP8
HEXASPI_IO9	PP9
HEXASPI_I010	PP10
HEXASPI_I011	PP11
HEXASPI_I012	PP12
HEXASPI_I013	PP13
HEXASPI_I014	PP14
HEXASPI_I015	PP15

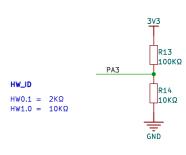
## OctoSPI Flash

OCTOSPI_NCS	PN1
OCTOSPI_DQS	PN0
OCTOSPI_CLK	PN6
OCTOSPI_NCLK	PN7
OCTOSPI_IO0	PN2
OCTOSPI_IO1	PN3
0CT0SPI_I02	PN4
OCTOSPI_IO3	PN5
OCTOSPI_IO4	PN8
OCTOSPI_IO5	PN9
OCTOSPI_IO6	PN10
OCTOSPI_IO7	PN11

		U1A			
PA0	M1	PA0	PDO	C13	PD0
PA1	M2	PA1	PD1	B13	PD1
PA2	L4	PA2	PD2	A14	PD2
PA3	N1	PA3	PD3	A12	PD3
PA4	М3	PA4	PD4	C11	PD4
PA5	N2			D7	PD5
PA6	P1	PA5	PD5	E7	PD6
PA7	М4	PA6	PD6	В6	PD7
PA8	F12	PA7	PD7		
PA9	D14	PA8		N13	PD12
PA10	E13	PA9	PD12	P14	PD13
PA11	C15	PA10	PD13	L14	PD14
PA12	C14	PA11	PD14	L13	PD15
PA13	E12	PA12	PD15	LIJ	1013
PA14		PA13		12.4	PH0
	D13	PA14 PH0-0	DSC_IN -	K1	
PA15	G11	PA15 PH1-0S	C_OUT -	K2	PH1
222					250
PB0	P2	PB0	PE0	A2	PE0
PB1	R2	PB1	PE1	C3	PE1
PB2	N4	PB2	PE2	B2	PE2
PB3	C4	PB3	PE3	F5	PE3
PB4	D5	PB4	PE4	E2	PE4
PB5	В3	PB5	PE5	F4	PE5
PB6	E5	PB6	PE6	E1	PE6
PB7	D4	PB7	PE7	М6	PE7
PB8	B1	PB8	PE8	R4	PE8
PB9	C2	PB9	PE9	P5	PE9
PB10	P15	PB10	PE10	R5	PE10
PB11	N14			C12	PE11
PB12	L12	PB11	PE11	E11	PE12
PB13	N15	PB12	PE12	B12	PE13
PB14	M13	PB13	PE13	A13	PE14
PB15	M14	PB14	PE14	D11	PE15
. 515	1121	PB15	PE15	DII	
PC0	К3			B5	PF0
PC1	L1	PC0	PF0	C5	PF1
PC2	L2	PC1	PF1	A4	PF2
PC3	L3	PC2	PF2	A3	PF3
PC4		PC3	PF3		PF4
	L5	PC4	PF4	B4	
PC5	N3	PC5	PF5	G3	PF5
PC6	E15	PC6	PF6	H5	PF6
PC7	F13	PC7	PF7	H4	PF7
PC8	D15	PC8	PF8	H3	PF8
PC9	E14	PC9	PF9	J2	PF9
PC10	B14	PC10	PF10	J3	PF10
	B15	PC11	PF11	M5	PF11
PC11				R3	PF12
	D12	PC12	PF12	KJ_	
PC11 PC12 PC13		PC12	PF12	P3	PF13
PC11 PC12	D12	PC13	PF13		
PC11 PC12 PC13	D12 E4			Р3	PF13







ART-Pi\_2\_Core\_A\_Board
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Sheet: /U\_H7RS7L8HxH\_Peripherals/
File: H7RS7L8HxH\_I0.kicad\_sch

Title: STM32H7R7L8HxH\_Peripherals

Size: A3 Date: 2025-02-23 Rev: V1.0
KiCad E.D.A. 9.0.0 Id: 3/6

