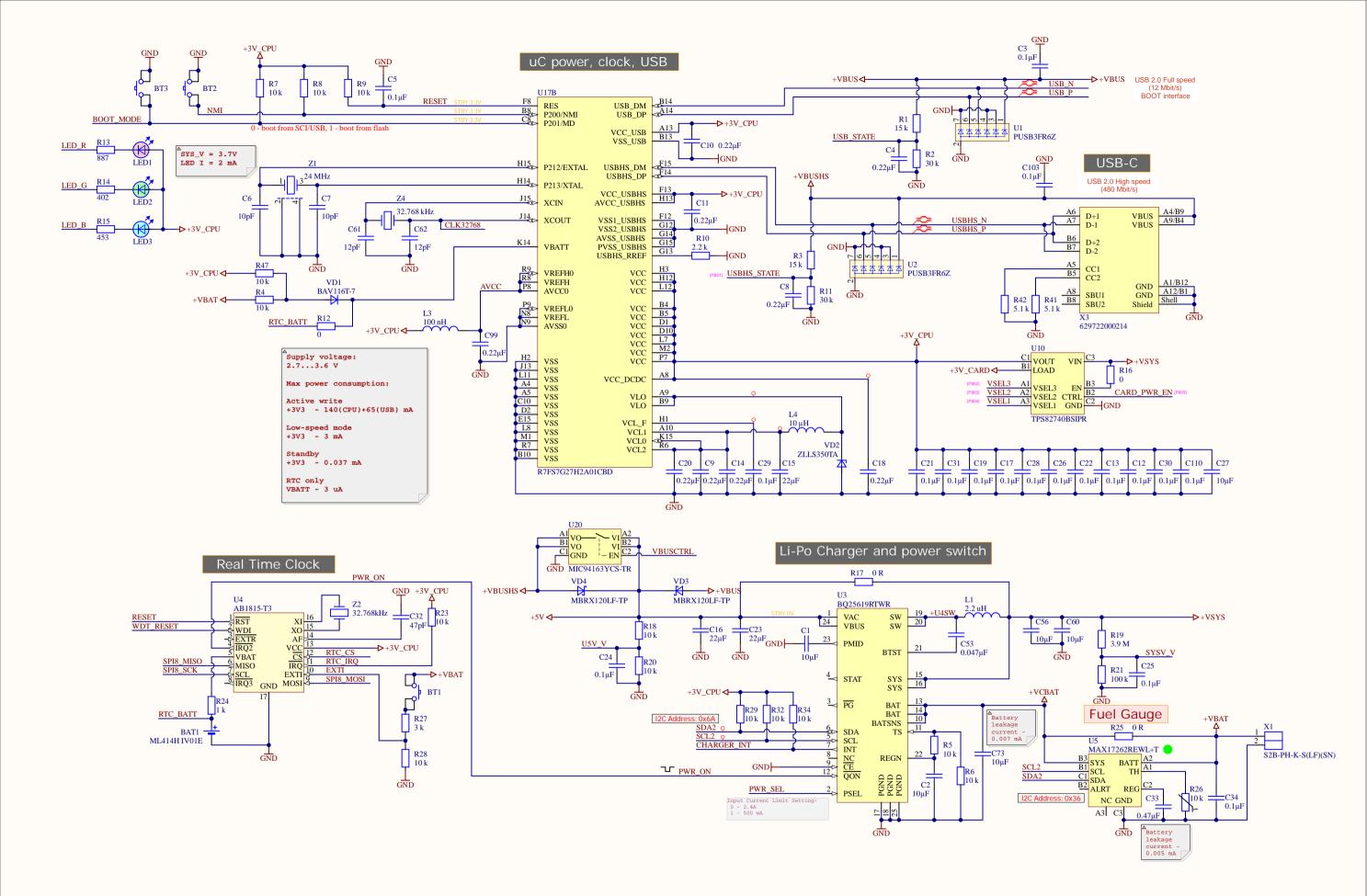
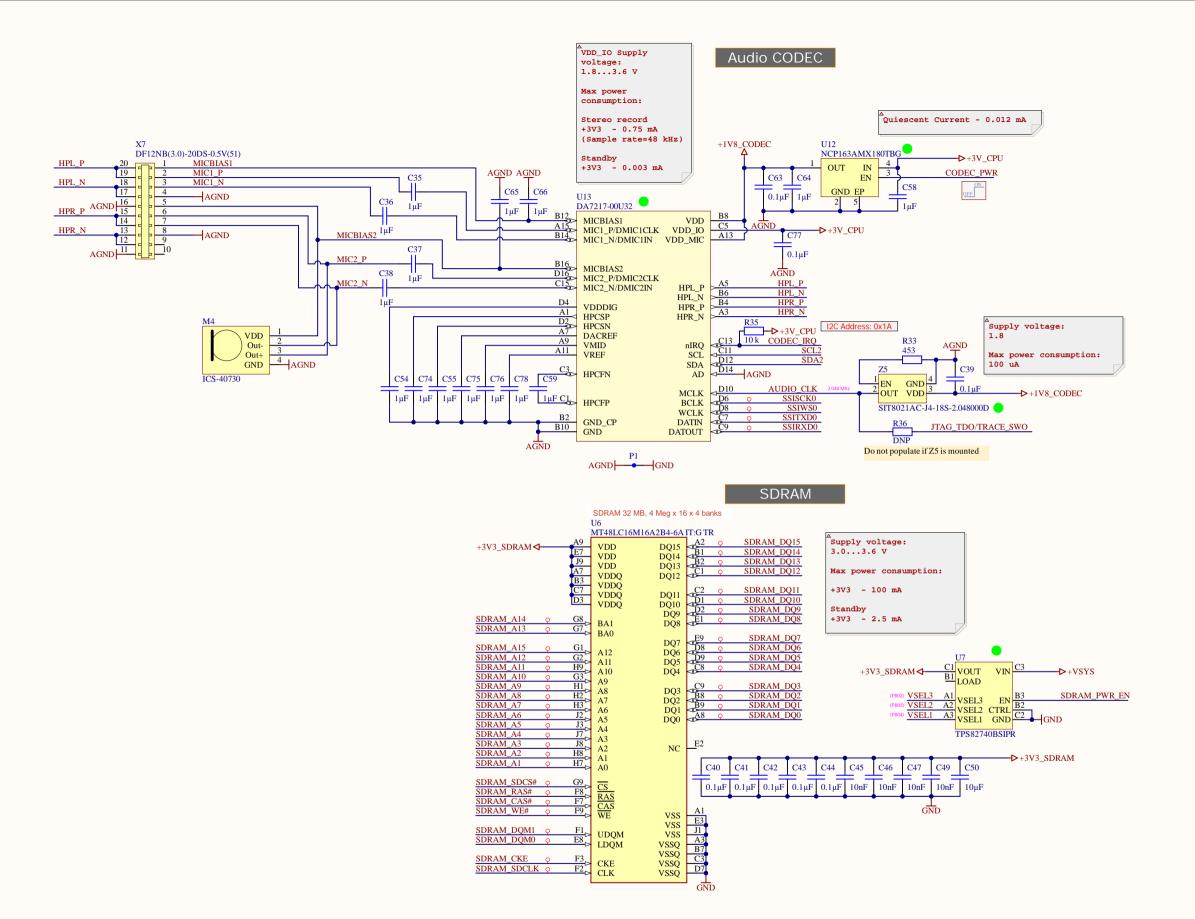
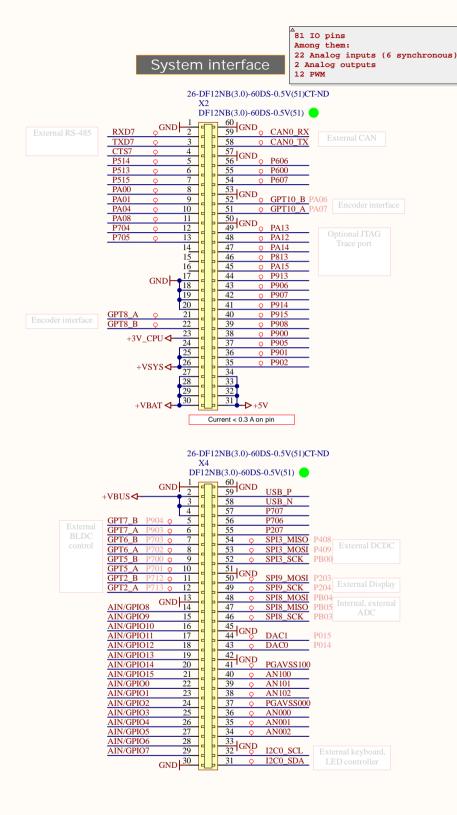
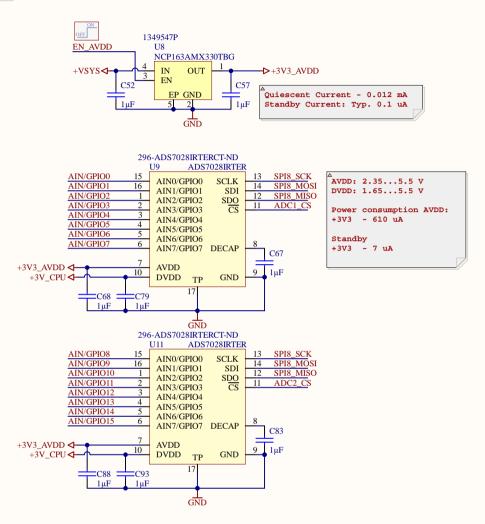
	U17A			
AN000 R12	P000/AN000/IVCMP2/IRQ6DS	P600/RD/LCD_DATA02_A	13 12	P600 SDRAM DOM0
AN002 N12	P001/AN001/IVCMP2/IRQ7DS P002/AN002/IVCMP2/IRQ8DS	P601/WR/WR0/DQM0/LCD_DATA03_A P602/EBCLK/SDCLK/LCD_DATA04_A		SDRAM_SDCLK
PGAVSS000 L10 AN100 M11	P003/PGAVSS000 P004/AN100/IVCMP2/IRQ9DS	P603/D13 P604/D12	K3 K2	SDRAM_DQ13 SDRAM_DQ12
AN101 R11 AN102 P10	P005/AN101/IVCMP2/IRQ10DS	P605/D11	K1 K6	SDRAM_DQ11 P606
PGAVSS100 L9 U5V V N11	P006/AN102/IVCMP2/IRQ11DS P007/PGAVSS100	P606/LCD_DATA03_B P607/LCD_DATA04_B	K5 F4	P607 SDRAM_DQM1
IMU_INT2 R10	P008/AN003/IRQ12DS P009/AN004/IRQ13DS	P608/A00/BC0/DQM1/LCD_DATA07_A P609/CS1/CKE/LCD_DATA06_A	G4	SDRAM_CKE
BT_WAKE MIO	P010/AN103/IRQ14DS	P610/CS0/WE/LCD_DATA05_A P611/SDCS	E1 E2	SDRAM_WE# SDRAM_SDCS#
DAC0 M9 DAC1 M8	P011/AN104/IRQ15DS P014/AN005/AN105/DA0/IVREF3	P612/D08	F2 F3	SDRAM_DQ8 SDRAM_DQ9
CDD AM DOO DI		P613/D09 P614/D10	Fl	SDRAM_DQ10
SDRAM_DQ0 R1 SDRAM_DQ1 P1	P100/AGTIO0_A/GTETRGA_A/RXD0_A/MISO0_A/SCL0_A/SCK1_A/MISOA_A/SCL1_B/D00/LCD_EXTCLK_A/IRQ2/KR00 P101/AGTEE0/GTETRGB_A/TXD0_A/MOSI_A/SDA0_A/CTS1_RTS1_A/SS1_A/MOSIA_A/SDA1_B/D01/LCD_CLK_A/IRQ1/KR01	P615/LCD_DATA10_B	Ğ8	VBUSCTRL
SDRAM_DQ2 NI SDRAM_DQ3 N2	P102/AGTO0/GTOWLO_A/GTIOC2B_A/SCK0_A/RSPCKA_A/ADTRG0_A/D02/LCD_TCON0_A/KR02	P700/GTIOC5A_B/ET1_ETXD1/RMII1_TXD0/PIXD3	M14 M15	GPT5_B GPT5_A
SDRAM_DQ4 N3 SDRAM DQ5 M3	P104/GTETRGB_B/RXD8_A/MISO8_A/SCL8_A/SSLA1_A/D04/LCD_TCON2_A/IRQ1/KR04	P701/GTIOC5B_B/ET1_ETXD0/REF50CK1/PIXD2 P702/GTIOC6A_B/ET1_ERXD1/RMII1_RXD0/PIXD1	K11	GPT6_A
SDRAM_DQ6 L4	P105/GTETRGA_C/TXD8_A/MOSI8_A/SDA8_A/SSLA2_A/D05/LCD_TCON3_A/IRQ0/KR05 P106/GTIOC8B_A/SCK8_A/SSLA3_A/D06/LCD_DATA00_A/KR06	P703/GTIOC6B_B/ET1_ERXD0/RMII1_RXD1/PIXD0	J8 J10	GPT6_B
JTAG_TMS/SWD_DIO B2		P704/ET1_RX_CLK/RMII1_RX_ER/HSYNC P705/ET1_CRS/RMII1_CRS_DV/PIXCLK	L13	P704 P705
JTAG_TDO/TRACE_SWO BI	P109/GTOVUP_A/GTIOC1A_A/TXD9_B/MISO9_B/SDA9_B/MOSIB_B/CTX1_A/CLKOUT_B/TDO_SWO	P706/RXD3_B/MISO3_B/SCL3_B/USBHS_OVRCURB/IRQ7	L14 L15	P706 P707
SDRAM_A5 C1 SDRAM A4 C3	P110/GTOVLO_A/GTIOC1B_A/CTS2_RTS2_B/SS2_B/RXD9_B/MISO9_B/SCL9_B/MISOB_B/VCOUT/CRX1_A/TDI/IRQ3 P111/GTIOC3A_A/SCK2_B/SCK9_B/RSPCKB_B/A05/LCD_DATA12_A/IRQ4 P708	P707/TXD3_B/MOSI3_B/SDA3_B/USBHS_OVRCURA/IRQ8 8/RXD1_B/MISO1_B/SCL1_B/SSLA3_B/TS12/ET0_ETXD3/IRQ11	D15 E13	SCI1_RXD SCI1_TXD
SDRAM_A3 D3	P112/GTIOC3B_A/TXD2_B/MOSI2_B/SDA2_B/A04/SSISCK0_B/LCD_DATA11_A P113/RXD2_B/MISO2_B/SCL2_B/A03/SSIWS0_B/LCD_DATA10_A	P709/TXD1_B/MOSI1_B/SDA1_B/TS13/ET0_ETXD2/IRQ10 P710/SCK1_B/TS14/ET0_TX_ER	F10	SCI1_RTS
SDRAM_A2 E4 SDRAM_A1 E3	P114/A02/SSIRXD0_B/LCD_DATA09_A P115/A01/SSITXD0_B/LCD_DATA08_A	P711/CTS1_RTS1_B/SS1_B/TS15/ET0_TX_CLK P712/GTIOC2B_B/TS16	E12 F11	SCI1_CTS GPT2_B
	FII3/A01/3311AD0_B/LCD_DAIA08_A	P713/GTIOC2A_B/TS17/ET1_EXOUT/ET1_EXOUT	G10	GPT2_A
CODEC IRO A12		P800/D14	P2	SDRAM_DQ14 SDRAM_DQ15
SPI9_MOSI B12	P202/GTIOC5B_A/SCK2_A/RXD9_A/MISO9_A/SCL9_A/MISOB_A/WR1/BC1/CRX0_A/SD0DAT6/ET0_ERXD2/LCD_TCON3_B/IRQ3DS P203/GTIOC5A_A/CTS2_RTS2_A/SS2_A/TXD9_A/MOSI9_A/SDA9_A/MOSIB_A/A19/TSCAP_B/CTX0_A/SD0DAT5/ET0_COL/IRQ2DS	P801/D15/SD1DAT4 P802/SD1DAT5/LCD_DATA02_B	P2 R2 R3 P4	VSEL3
SPI9_SCK D11 C12 C12	P204/AGTIO1_A/GTIW_A/GTIOC4B_B/SCK4_A/SCK9_A/RSPCKB_A/SCL0_B/A18/TS00/SSISCK1_A/USB_OVRCURB_ADS/SD0DAT4/ET0_RX_DV	P803/SD1DAT6/LCD_DATA01_B	P4	VSEL2
SD0DAT2 G9 P207 C13	P205/AGTO1/GTIV_A/GTIOC4A_B/TXD4_A/MOS14_A/SDA4_A/CTS9_RTS9_A/SS9_A/SSLB0_A/SCL1_A/A16/TSCAP_A/SSIWS1_A/USB_OVRCURA_ADS/SI P206/GTIU_A/RXD4_A/MISO4_A/SCL4_A/SSLB1_A/SDA1_A/WAIT/TS01/SSIDATA1_A/USB_VBUSEN_A/SD0DAT2/ET0_LINKSTA/ET0_LINKSTA/IRQ0DS	P804/SD1DAT7/LCD_DATA00_B	M4 R13	VSEL1 WIFI REG ON
1207	P207/SSLB2_A/A17/TS02	P805/LCD_DATA17_B P806/LCD_EXTCLK_B	R13 M12 P12	CODEC_PWR
		P807 P808	K7	SDRAM_PWR_EN LORA_PWR_EN
JTAG_TCLK/SWD_CLK F5 SDRAM_A6 B3	P300/GTIOCOA_A/SSLB1_B/TCK_SWCLK	P809	K7 K8 P3	CARD_PWR_EN BT REG ON
SDRAM_A7 A2 SDRAM_A8 A3	P301/GTOULO_A/GTIOC4B_A/RXD2_A/MISO2_A/SCL2_A/SSLB2_B/A06/LCD_DATA13_A/IRQ6 P302/GTOUUP_A/GTIOC4A_A/TXD2_A/MOSI2_A/SDA2_A/SSLB3_B/A07/LCD_DATA14_A/IRQ5	P810 P811/CTX0_C	L5 L6	CAN0_TX CAN0_RX
SDRAM_A9 C4	P303/GTIOC7B_A/A08/LCD_DATA15_A P304/GTIOC7A_A/RXD6_A/MISO6_A/SCL6_A/A09/LCD_DATA16_A/IRQ9	P812/CRX0_C P813/GTIOC9B B	Ğİ	P813
SDRAM_A10 D4 SDRAM_A11 D5	P305/TXD6_A/MOSI6_A/SDA6_A/A10/LCD_DATA17_A/IRQ8 P306/SCK6_A/A11/LCD_DATA18_A	P900/A23/LCD_CLK_B	E9	P900
SDRAM_A12 D6 SDRAM_A13 D7	P307/CTS6_RTS6_A/SS6_A/A12/LCD_DATA19_A	P901/LCD_DATA15_B	B11 A11	P901 P902
SDRAM_A14 C5 SDRAM A15 C6	P308/A13/LCD_DATA20_A P309/A14/LCD_DATA21_A	P902/LCD_DATA23_B P903/GTIOC7A_B/SD0CD	D9 C9	GPT7_A GPT7_B
SDRAM_RAS# C7	P310/A15/LCD_DATA22_A P311/CS2/RAS/LCD_DATA23_A	P904/GTIOC7B_B P905/CS4/LCD_DATA11_B	Å6	P905
SDRAM_CAS# B6 LED_R E10	P312/CS3/CAS P313/A20/SD0DAT7/ET0 ERXD3/LCD TCON2 B	P906/CS5/LCD_DATA12_B P907/CS6/LCD_DATA13_B	F6 F7	P906 P907
LED_G F9 LED_B C1 □	P314/A21/LCD_TCON1_B	P908/CS7/LCD_DATA14_B	E7 E8	P908 RF_RST
		P909/LCD_DATA21_B P910/LCD_DATA22_B	D8	RF_ANT_SW GPT8 B
I2C0_SDA P15	P400/GTIOC6A_A/SCK4_B/SCK7_A/SCL0_A/ADTRG1_B/AUDIO_CLK/ET1_TX_CLK/IRQ0 P401/GTETRGA_B/GTIOC6B_A/CTS4_RTS4_B/SS4_B/TXD7_A/MOS17_A/SDA7_A/SDA0_A/CTX0_B/ET0_MDC/ET0_MDC/IRQ5DS	P911/GTIOC8B_B P912/GTIOC8A_B	A7 B7	GPT8_A
RXD7 N14 SSISCK0 N15	P402/AGTIO0_B/AGTIO1_B/RXD7_A/MISO7_A/SCL7_A/RTCIC0/CRX0_B/ET0_MDIO/ET0_MDIO/IRQ4DS P403/AGTIO0_C/AGTIO1_C/GTIOC3A_B/CTS7_RTS7_A/SS7_A/RTCIC1/SSISCK0_A/ET1_MDC/ET1_MDC/PIXD7	P913 P914/LCD_DATA19_B	H8 E5	P913 P914
SSIWS0 K10 SSITXD0 M13	P404/GTIOC3B_B/RTCIC2/SSIWS0_A/ET1_MDIO/ET1_MDIO/PIXD6 P405/GTIOC1A_B/SSITXD0_A/ET1_TX_EN/RMII_TXD_EN/PIXD5	P915/LCD_DATA20_B	E6	P915
SSIRXDO J9 USB_STATE A15	P406/GTIOC1B_B/SSIRXD0_A/ET1_RX_ER/RMIII_TXD1/PIXD4	PA00/LCD_DATA05_B	J7 √J6	PA00 PA01
SPI3_MISO B15 SPI3_MOSI C14	The state of the s	PA01/LCD_DATA06_B PA02/TXD7_B/MOSI7_B/SDA7_B/IRQ10	H6	TXD7 CHARGER INT
SD0DAT1 C15	P409/GTOWUP_B/GTIOC10A_A/TXD3_A/MOSI3_A/SDA3_A/TS05/USB_EXICEN_A/USBHS_EXICEN/ET0_RX_CLK/RMII0_RX_ER/IRQ6 P410/AGTOB1/GTOVLO_B/GTIOC9B_A/RXD0_B/MISO0_B/SCL0_B/SCK3_A/MISOA_B/TS06/SD0DAT1/ET0_ERXD0/RMII0_RXD1/IRQ5	PA03/RXD7_B/MISO7_B/SCL7_B/IRQ9 PA04/GTIOC11B B/SCK7 B	√3 J4 √0	PA04
SD0DAT0 D14 SD0SMD D13		PA05/GTIOC11A_B/CTS7_RTS7_B/SS7_B PA06/GTIOC10B_B	J3 J2	CTS7 GPT10_B
SD0CLK D12 RTC CS E11	P413/GTOUUP_B/CTS0_RTS0_B/SS0_B/SSLA0_B/TS09/SD0CLK/ET0_ETXD1/RMII0_TXD0	PA07/GTIOC10A_B	J1 G7	GPT10_A PA08
WDT_RESET E14	P414/SSLA1_B/TS10/SD0WP/ET0_RX_ER/RMII0_TXD1 P415/SSLA2_B/TS11/ET0_TX_EN/RMII0_TXD_EN	PA08/LCD_DATA09_B PA09/LCD_DATA08_B	G7 H4 ✓ 105	RF_BUSY
SD1CLK R4	P500/AGTOA0/GTIU_B/GTIOC11A_A/QSPCLK/AN016/IVREF0/USB_VBUSEN_B/SD1CLK	PA10/LCD_DATA07_B PA12	H5 G5	RF_DIO1 PA12
SD1SMD N4	P501/AGTOB0/GTIV_B/GTIOC11B_A/TXD5_A/MOSI5_A/SDA5_A/QSSL/AN116/IVREF1/USB_OVRCURA_B/SD1CMD/IRQ11	PA13 PA14	H7 G3	PA13 PA14
SD1DAT0 N3 N5 N5 N5 N5 N5 N5 N5	P503/GTETRGC_B/GTIOC12B/CTS6_RTS6_B/SS6_B/SCK5_A/QIO1/AN117/USB_EXICEN_B/SD1DAT1	PA15/GTIOC9A_B	G2 G6	PA15 PWR SEL
SD1DAT3 M5	F304/GTETROD_B/GT10C13A/3CR0_B/C133_R133_A/333_A/Q102/AN018/U3B_ID_B/3D1DA12	PA11/LCD_DATA18_B		
SYSV_V M6 RF_CS N6	DESCRIPTION DATEGRAS DISTRICT DISTRICT DISTRICT DISTRICT DISTRICT	PB00/SCK3_B/USBHS_VBUSEN PB01/CTS3_RTS3_B/SS3_B/USBHS_VBUS	H9 K13	SPI3_SCK USBHS_STATE
RF_CS N6 RF_SCK M7 RF_MOSI P6 RF_MISO N7	P508/SCK5_B/AN020 P508/SCK5_B/AN020	PB02/CTS8_RTS8_B/SS8_B/ET1_RX_DV	K12	ADC1_CS SPI8_SCK
SDA2 RIS	P310/RAD3_B/MI3O3_B/SCL3_B/AN021	PB03/SCK8_B/ET1_COL PB04/TXD8_B/MOSI8_B/SDA8_B/ET1_ERXD2/IRQ12	H10	SPI8_MOSI SPI8 MISO
SCL2 R14	P511/GTIOC0B_B/RXD4_B/MISO4_B/SCL4_B/SDA2/CRX1_B/ET1_TX_ER/PCKO/IRQ15 P512/GTIOC0A_B/TXD4_B/MOSI4_B/SDA4_B/SCL2/CTX1_B/ET1_ETXD2/VSYNC/IRQ14	PB05/RXD8_B/MISO8_B/SCL8_B/ET1_ERXD3/IRQ13 PB06/ET1_WOL/ET1_WOL	H111	ADC2_CS
P513 P13 P514 P14 P515 K0	D512/ET1 ETVD2/ICD DATA16 D	PB07/ET1_LINKSTA/ET1_LINKSTA	G11	EN_AVDD
P515 K9				
	P7E\$7C27U2A01CBD			



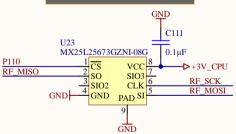


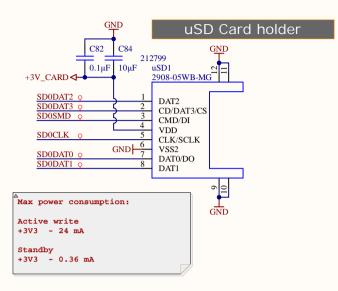


16-ch ADC



256 Mbit SPI Flash





JTAG/SWD debug interface

