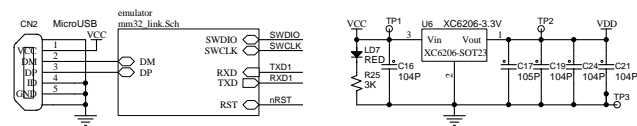
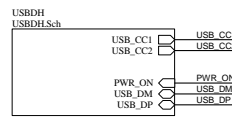


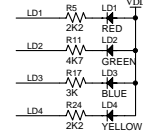
Power & Debug port



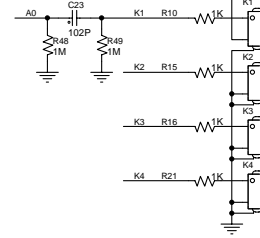
USB Device/Host



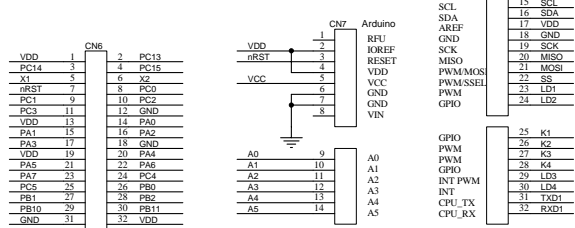
LED



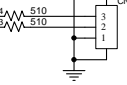
Key



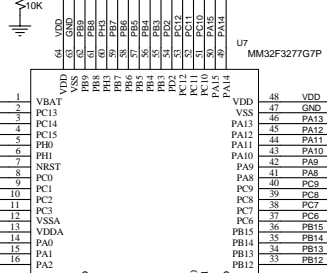
Arduino Interface



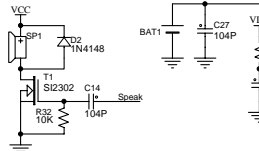
UART



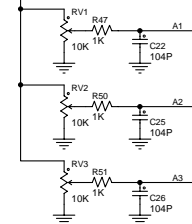
MCU



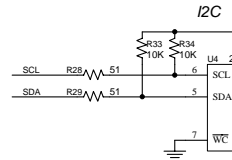
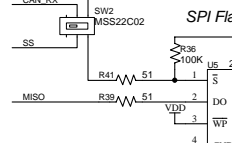
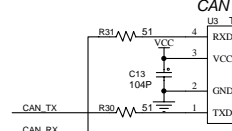
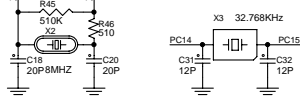
Speaker



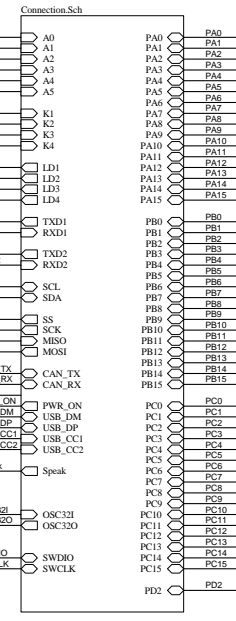
ADC

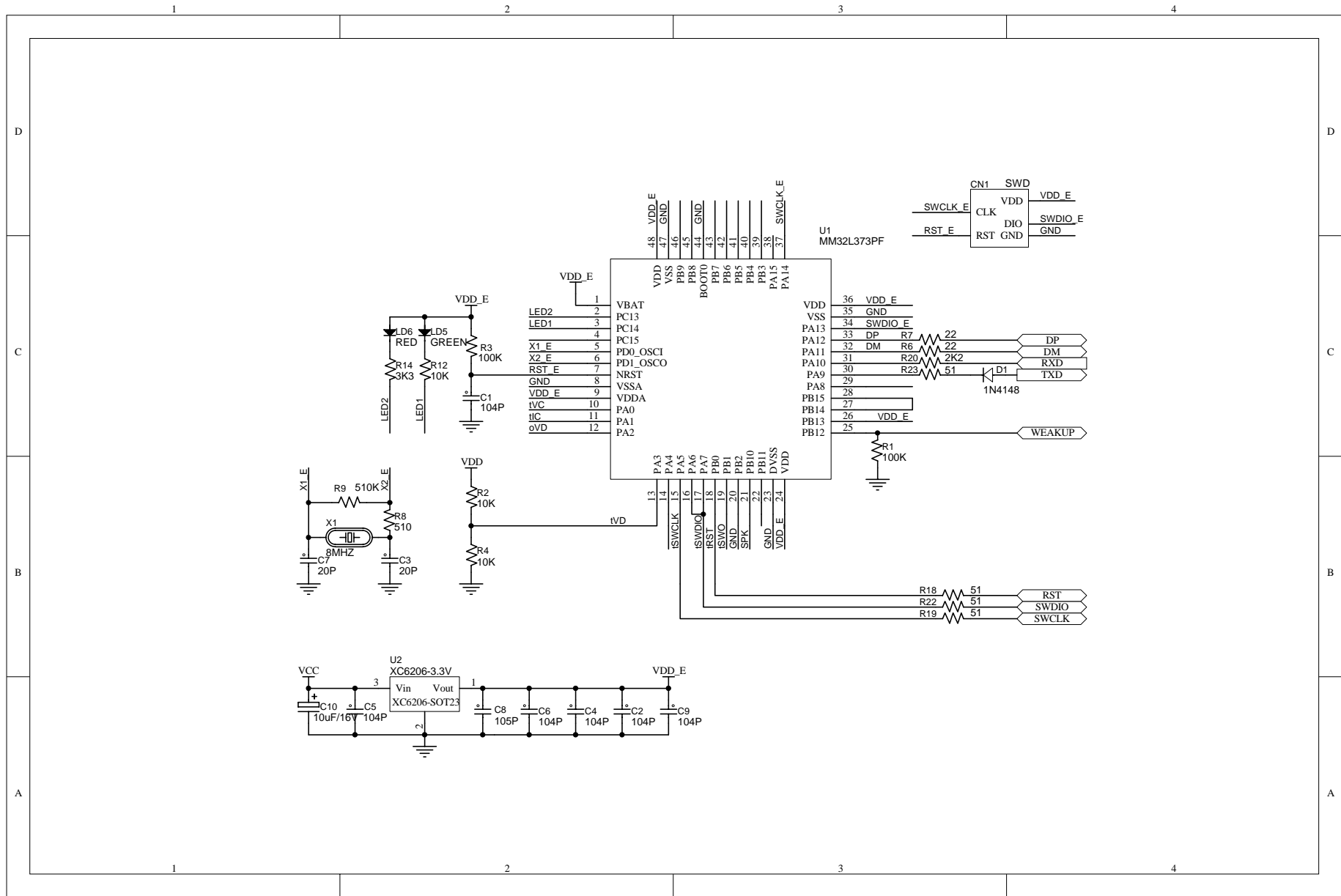


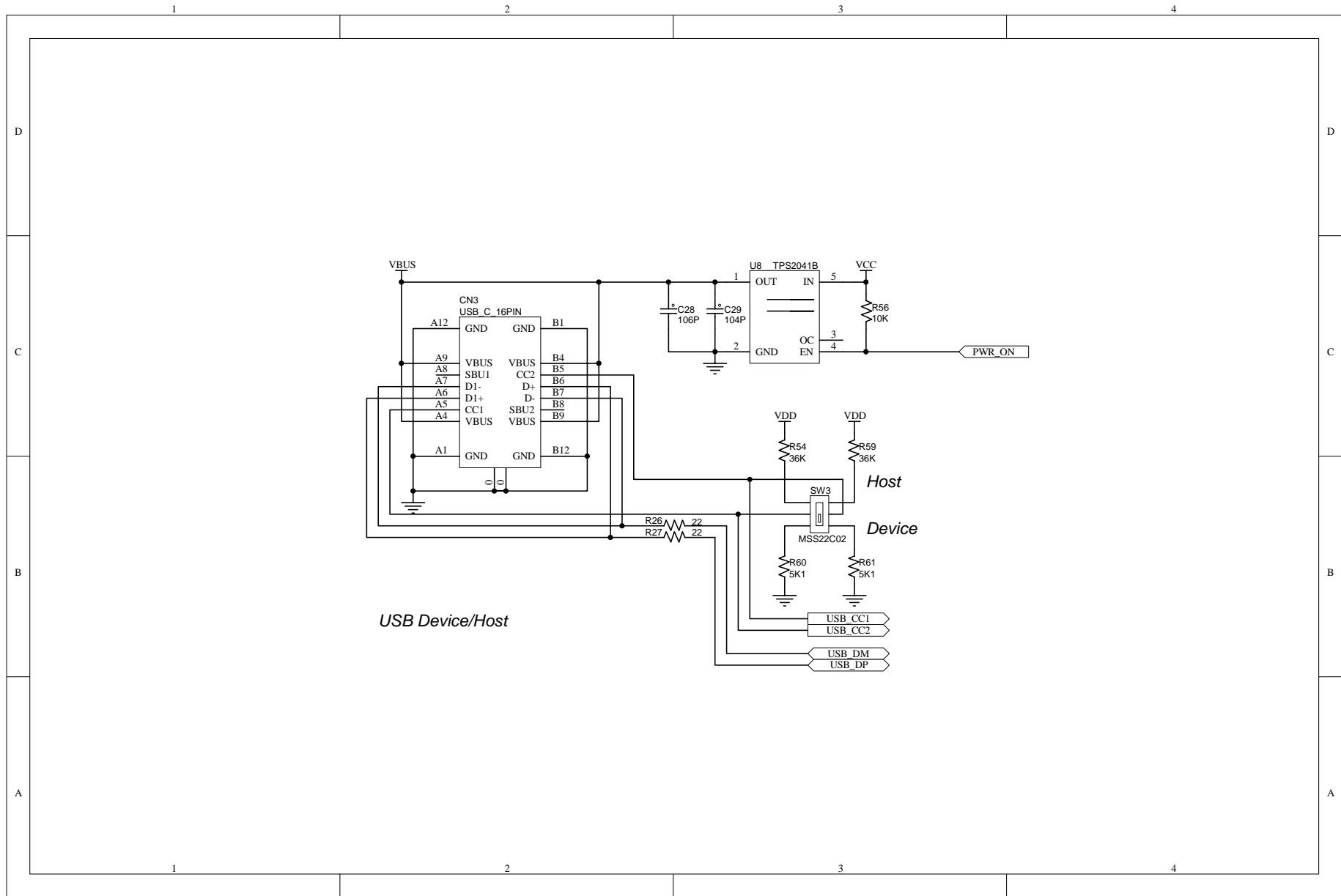
OSC



Connection







Connection

A0	PA0	PA0/TIM2_CH1/TIM2_ETR/TIM5_CH1/TIM8_ETR/UART2_CTS/UART4_TX/ETH_MII_CRS/ADC123_IN0/COMP12_INP0/COMP1_INM2/WKP0
A1	PA1	PA1/TIM2_CH2/TIM5_CH2/UART2_RTS/UART4_RX/ETH_MII_RX_CLK/ETH_RMII_REF_CLK/ADC123_IN1/COMP12_INP1
TXD2	PA2	PA2/TIM2_CH3/TIM5_CH3/UART2_TX/CPT2_OUT/ETH_MDIO/ADC123_IN2/COMP12_INP2/COMP2_INM2/WKP2
RXD2	PA3	PA3/TIM2_CH4/TIM5_CH4/UART2_RX/ETH_COL/ADC123_IN3/COMP12_INP3
A2	PA4	PA4/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS/UART5_TX/ADC12_IN4/DAC1_OUT/COMP12_INM0
A3	PA5	PA5/TIM2_CH1/TIM2_ETR/TIM8_CH1N/SPI1_SCK/I2S1_CK/UART5_RX/ADC12_IN5/DAC2_OUT/COMP12_INM1
A4	PA6	PA6/TIM1_BKIN/TIM3_CH1/TIM8_BKIN/SPI1_MISO/I2S1_MCK/CPT1_OUT/ADC12_IN6
A5	PA7	PA7/TIM1_CH1N/TIM3_CH2/TIM8_CH1N/SPI1_MOSI/I2S1_SD/CRS_SYNC/ETH_MII_RX_DV/ETH_RMII_CRS_DV/ADC12_IN7
Speak	PA8	PA8/MCO1/TIM1_CH1
TXD1	PA9	PA9/TIM1_CH2/I2C1_SCL/UART1_TX/USB_VBUS
RXD1	PA10	PA10/TIM1_CH3/I2C1_SDA/UART1_RX/USB_ID
USB_DM	PA11	PA11/TIM1_CH4/UART1_CTS/CPT1_OUT/CAN1_RX/USBDM
USB_DP	PA12	PA12/TIM1_ETR/UART1_RTS/CPT2_OUT/CAN1_TX/USBDP
SWDIO	PA13	PA13/JTMS_SWDIO/USB_VBUS_ON
SWCLK	PA14	PA14/JTCK_SWCLK/I2C1_SDA
LD1	PA15	PA15/JTD1/TIM2_CH1/TIM2_ETR/I2C1_SCL/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS
K4	PB0	PB0/TIM1_CH2N/TIM3_CH3/TIM8_CH2N/UART6_TX/ETH_MII_RXD2/ADC12_IN8
K1	PB1	PB1/TIM1_CH3N/TIM3_CH4/TIM8_CH3N/UART6_RX/ETH_MII_RXD3/ADC123_IN9
K2	PB2	PB2 /BOOT1
LD2	PB3	PB3/JTDO/TRACESWO/TIM2_CH2/SPI1_SCK/I2S1_CK/SPI3_SCK/I2S3_CK
LD3	PB4	PB4/NJTRST/TIM3_CH1/SPI1_MISO/I2S1_MCK/SPI3_MISO/I2S3_MCK
LD4	PB5	PB5/TIM3_CH2/SPI1_MOSI/I2S1_SD/SPI3_MOSI/I2S3_SD/WKP4
SCL	PB6	PB6/TIM4_CH1/I2C1_SCL/UART1_TX/UART7_TX
SDA	PB7	PB7/TIM4_CH2/I2C1_SDA/UART1_RX/UART7_RX/FMC_NADV
CAN_RX	PB8	PB8/TIM4_CH3/I2C1_SCL/CPT1_OUT/CAN1_RX/ETH_MII_TXD3
CAN_TX	PB9	PB9/TIM4_CH4/I2C1_SDA/SPI2_NSS/I2S2_WS/CPT2_OUT/CAN1_TX
K3	PB10	PB10/TIM2_CH3/I2C2_SCL/SPI2_SCK/I2S2_CK/UART3_TX/ETH_MII_RX_ER
SS	PB11	PB11/TIM2_CH4/I2C2_SDA/UART3_RX/ETH_MII_TX_EN/ETH_RMII_TX_EN
SCK	PB12	PB12/TIM1_BKIN/SPI2_NSS/I2S2_WS/ETH_MII_TXD0/ETH_RMII_TXD0
MISO	PB13	PB13/TIM1_CH1N/SPI2_SCK/I2S2_CK/UART3_CTS/ETH_MII_TXD1/ETH_RMII_TXD1
MISO	PB14	PB14/TIM1_CH2N/TIM8_CH2N/SPI2_MISO/I2S2_MCK/UART3_RTS
MOSI	PB15	PB15/TIM1_CH3N/TIM8_CH3N/SPI2_MOSI/I2S2_SD/WKP5
	PC0	PC0/I2C1_SCL/ADC123_IN10
	PC1	PC1/I2C1_SDA/ETH_MDC/ADC123_IN11
USB_CC1	PC2	PC2/I2C2_SCL/SPI2_MISO/I2S2_MCK/ETH_MII_TXD2/ADC123_IN12
USB_CC2	PC3	PC3/I2C2_SDA/SPI2_MOSI/I2S2_SD/ETH_MII_TX_CLK/ADC123_IN13
	PC4	PC4/ETH_MII_RXD0/ETH_RMII_RXD0/ADC23_14
	PC5	PC5/ETH_MII_RXD1/ETH_RMII_RXD1/ADC23_15/WKP3
	PC6	PC6/TIM3_CH1/TIM8_CH1/I2C1_SCL/SPI2_MISO/I2S2_MCK/UART6_TX
	PC7	PC7/TIM3_CH2/TIM8_CH2/I2C1_SDA/SPI3_MISO/I2S3_MCK/UART6_RX
	PC8	PC8/TIM3_CH3/TIM8_CH3/I2C2_SCL/SDIO_D0
	PC9	PC9/MCO2/TIM3_CH4/TIM8_CH4/I2C2_SDA/SDIO_D1
	PC10	PC10/SPI3_SCK/I2S3_CK/UART3_TX/UART4_TX/SDIO_D2
	PC11	PC11/SPI3_MISO/I2S3_MCK/UART3_RX/UART4_RX/SDIO_D3
	PC12	PC12/SPI3_MOSI/UART5_TX/SDIO_CK
PWR_ON	PC13	PC13/TAMP-RTC/WKP1
OSC32I	PC14	PC14/OSC32_IN
OSC32O	PC15	PC15 /OSC32_OUT
	PD2	PD2/TIM3_ETR/UART5_RX/SDIO_CMD