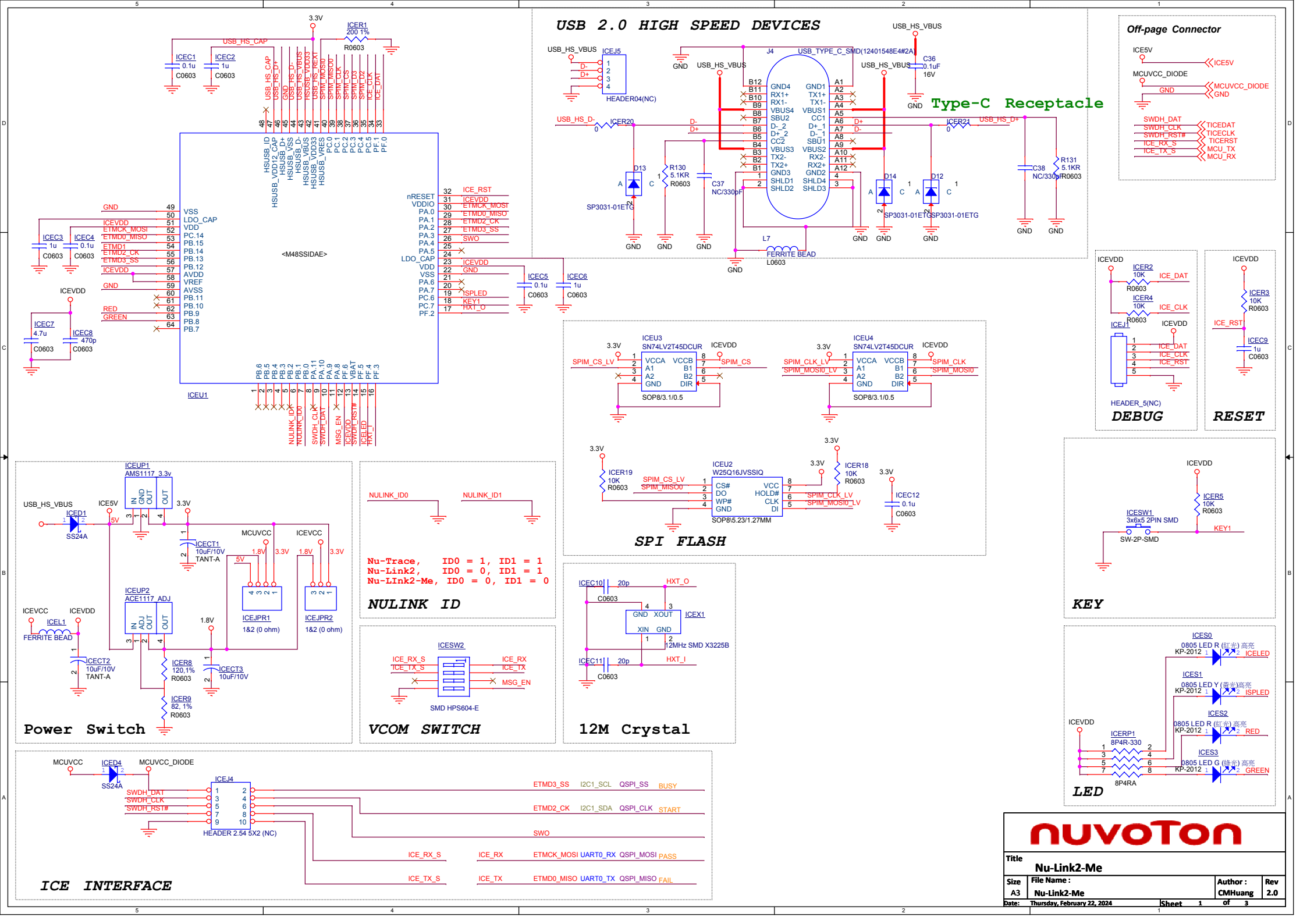
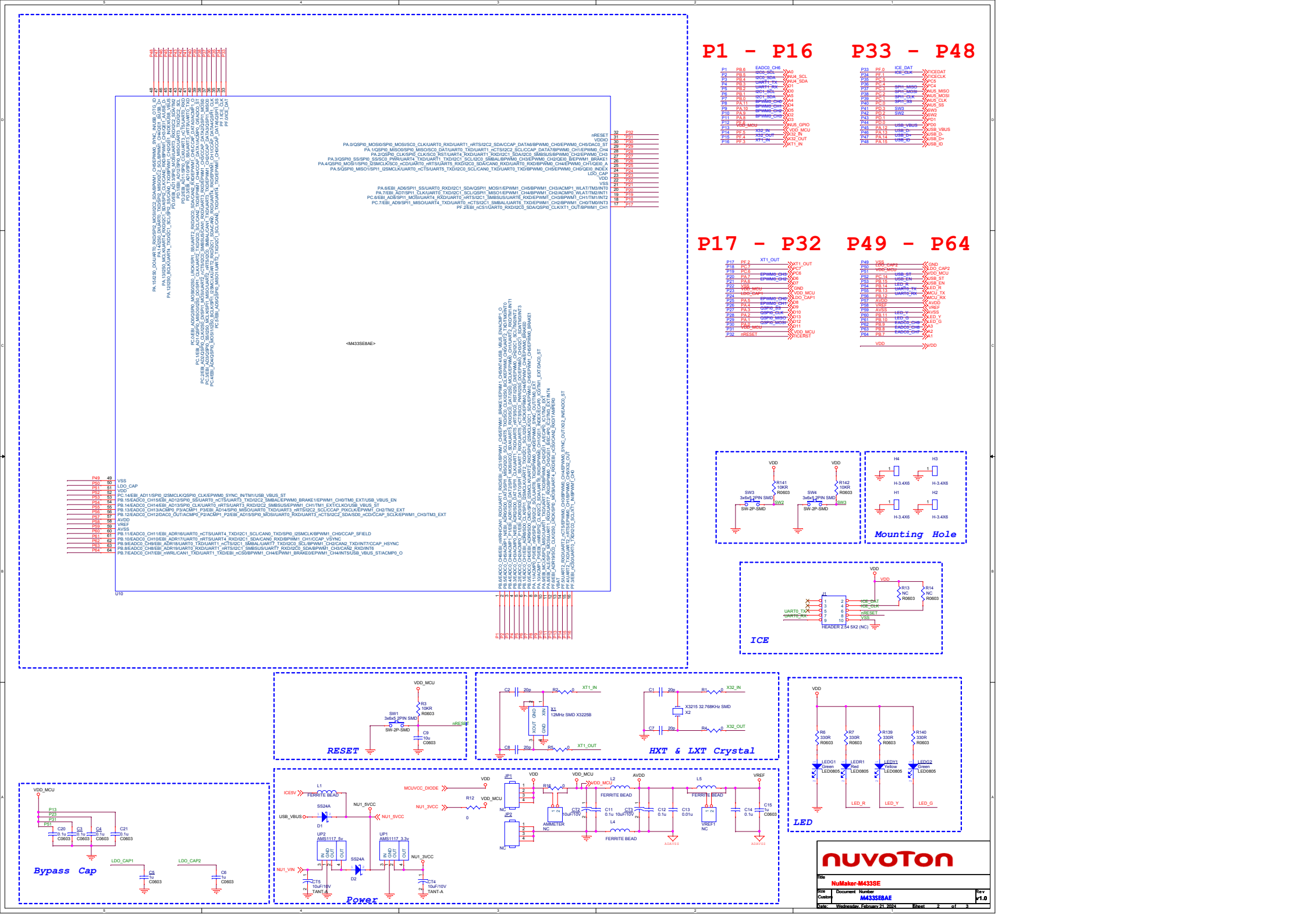
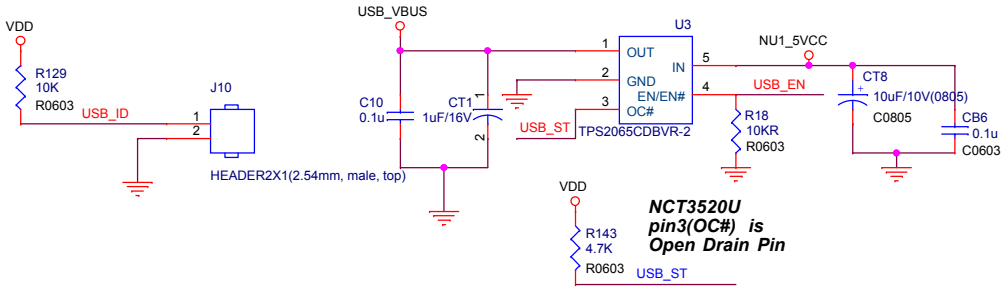
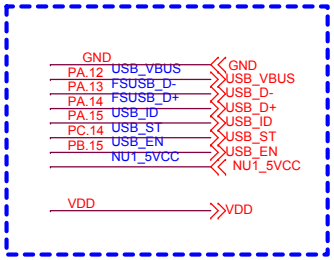
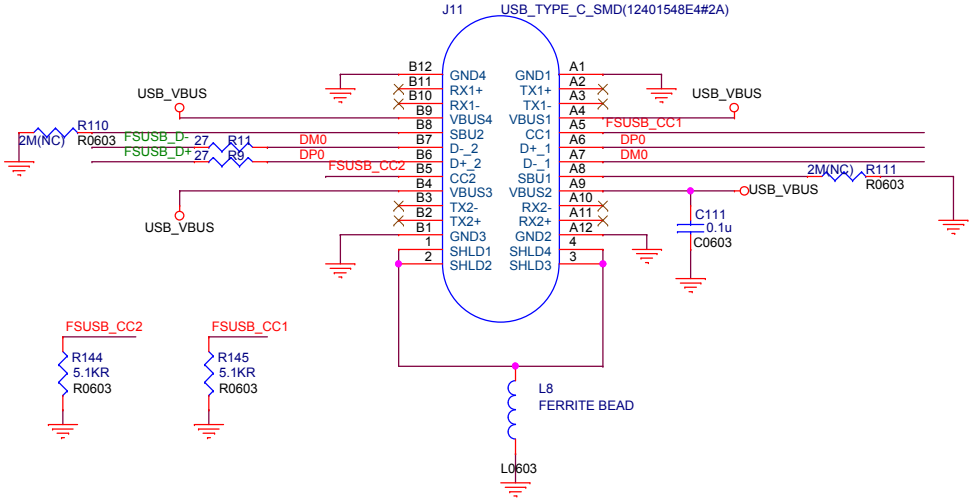

USB 2.0 HIGH SPEED DEVICES
Type-C Receptacle
Off-page Connector
ICE5V
MCUVCC_DIODE
GND
SWDH_DAT
SWDH_CLK
SWDH_RST#
ICE_RX_S
ICE_TX_S
TICEDAT
TICECLK
TICERST
MCU_TX
MCU_RX
USB_HS_VBUS
USB_HS_D-
USB_HS_D+
USB_TYPE_C_SMD(12401548E4#2A)
HEADER04(NC)
SP3031-01ETG
FERRITE BEAD
L0603
<M48SSIDAE>
ICEU1
DEBUG
RESET
HEADER_5(NC)
SPI FLASH
ICEU3
SN74LV2T45DCUR
SPIM_CS_LV
SPIM_CS
SPIM_CLK_LV
SPIM_MOSI0_LV
SPIM_CLK
SPIM_MOSI0
SOP8/3.1/0.5
ICEU2
W25Q16JVSSIQ
SOP8\5.23/1.27MM
KEY
ICESW1
3x6x5 2PIN SMD
SW-2P-SMD
KEY1
NULINK_ID0
NULINK_ID1
Nu-Trace, ID0 = 1, ID1 = 1
Nu-Link2, ID0 = 0, ID1 = 1
Nu-LInk2-Me, ID0 = 0, ID1 = 0
NULINK ID
Power Switch
ICEUP1
AMS1117_3.3v
ICEUP2
ACE1117_ADJ
ICEJPR1
ICEJPR2
1&2 (0 ohm)
VCOM SWITCH
ICESW2
SMD HPS604-E
ICE_RX
ICE_TX
MSG_EN
12M Crystal
ICEX1
12MHz SMD X3225B
LED
ICES0
ICES1
ICES2
ICES3
ICERP1
8P4R-330
8P4RA
ICELED
ISPLED
RED
GREEN
ICE INTERFACE
ICEJ4
HEADER 2.54 5X2 (NC)
ETMD3_SS
I2C1_SCL
QSPI_SS
BUSY
ETMD2_CK
I2C1_SDA
QSPI_CLK
START
SWO
ETMCK_MOSI
UART0_RX
QSPI_MOSI
PASS
ETMD0_MISO
UART0_TX
QSPI_MISO
FAIL
nuvoTon
Title
Nu-Link2-Me
Size
A3
File Name :
Nu-Link2-Me
Author :
CMHuang
Rev
2.0
Date:
Thursday, February 22, 2024
Sheet
1
of
3


P1 - P16
P33 - P48
P17 - P32
P49 - P64
<M433SE8AE>
U10
RESET
HXT & LXT Crystal
ICE
Mounting Hole
LED
Bypass Cap
Power
nuvoTon
NuMaker-M433SE
M433SE8AE
Wednesday, February 21, 2024







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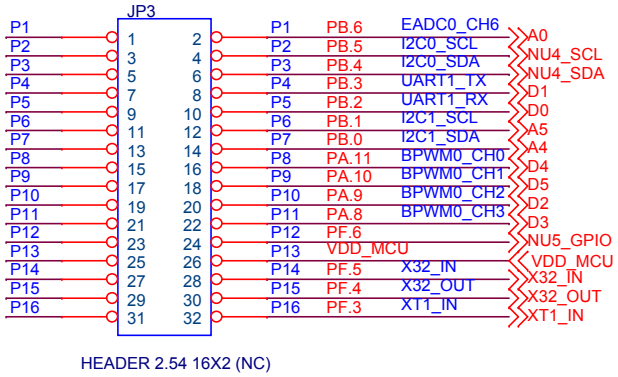
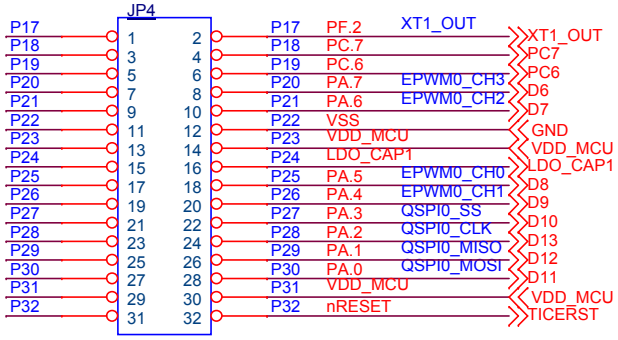
Size B	Document Number M433SE8AE	Rev v1.0
Date: Wednesday, February 21, 2024	Sheet 2 of 3	

P1 - P16



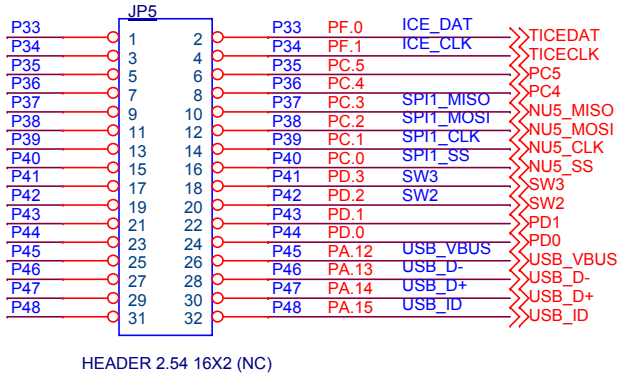
HEADER 2.54 16X2 (NC)

P17 - P32



HEADER 2.54 16X2 (NC)

P32 - P48



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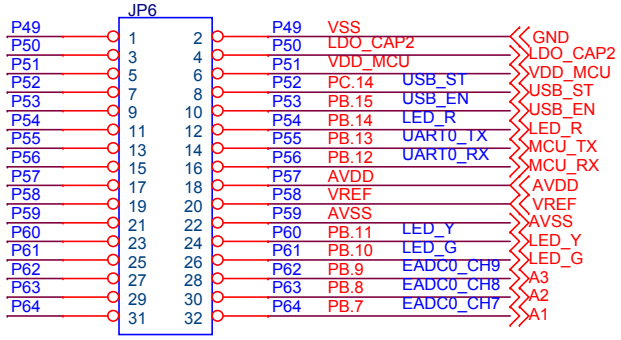
P49 - P64



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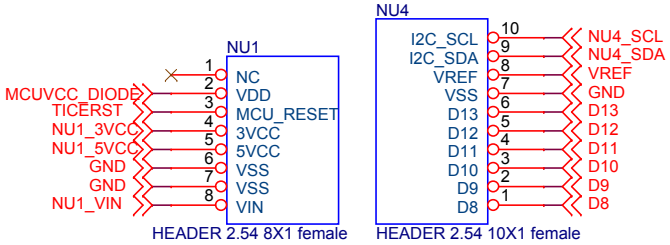

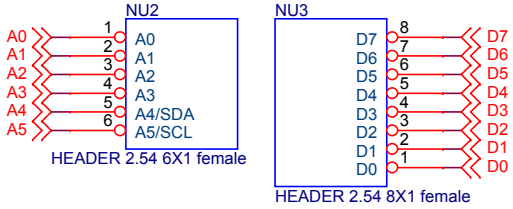

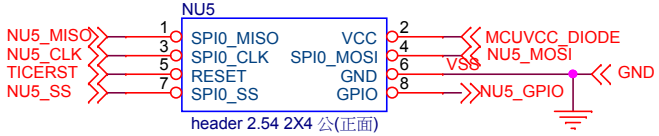

UNO Interface

External Connector

nuvoTon

Title	NuMaker-M433SE	
Size: Custom	Document Number: M433SE8AE	Rev: v1.0
Date: Tuesday, January 09, 2024	Sheet 3 of 3	