

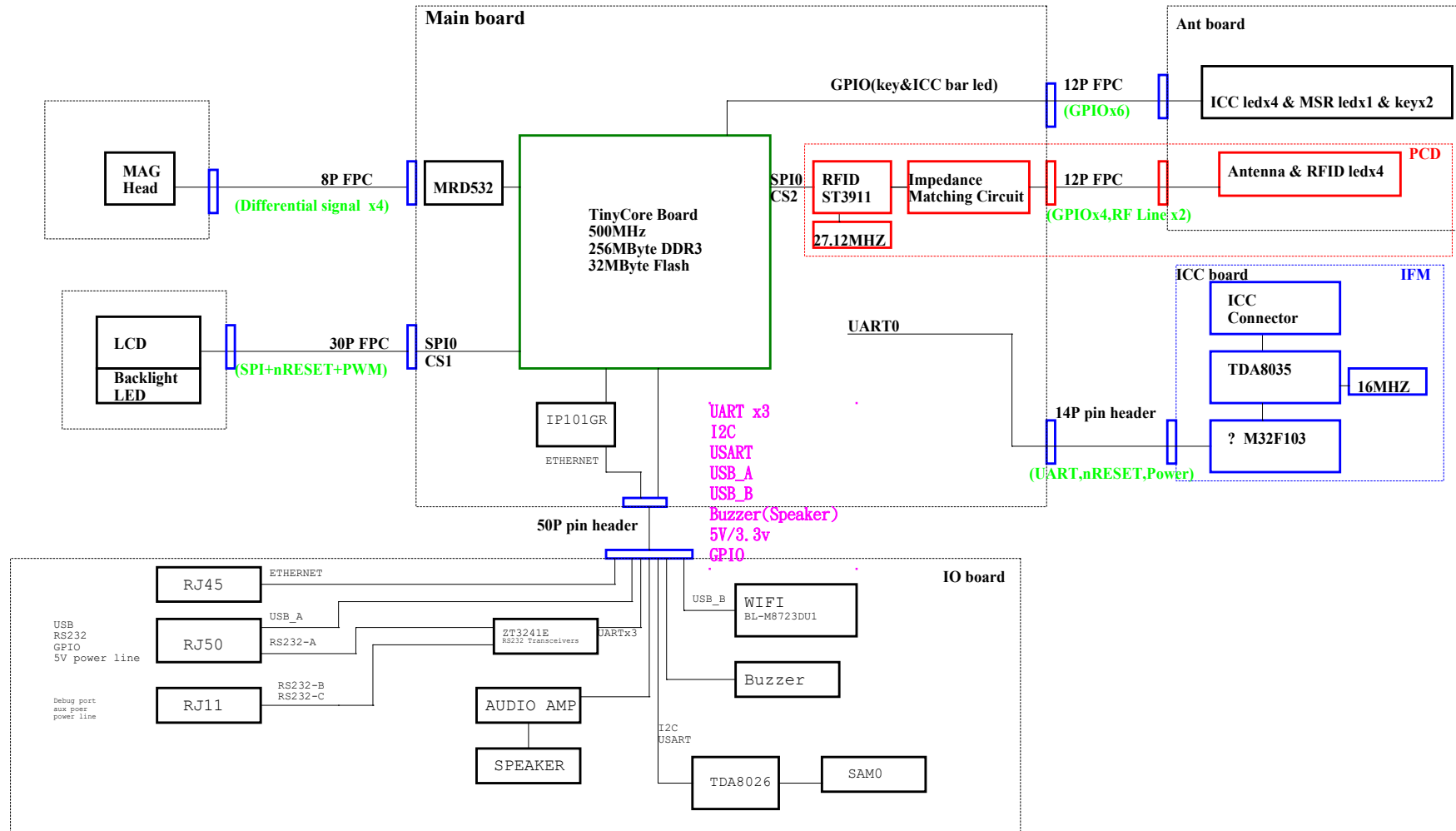
Revision History

Rev. Code	Date	By	Description
1.0	2019-07-23	carlos	1 release Rev 1.0 to layout
2.0	2019-11-20	carlos	1 release Rev 2.0 to layout
A	2021-01-09	Gary	For EMV3.0: C17,C24 from 220pF change to 180pF(CCA181J610-R) Del C20,C26 C22 from 220pF change to 15pF(CCA150F610-R) C32,C35 from 39pF change to 68pF(CCA680J610-R)
A.1	2022-10-05	Gary	Update Schematic for TQM. Main Board Y1,C29,C31,R35 from PART B1 change to PART A ECR change TQM BOM description.

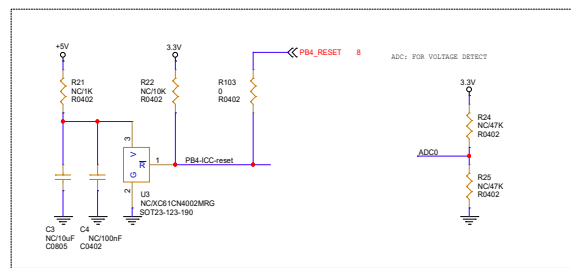
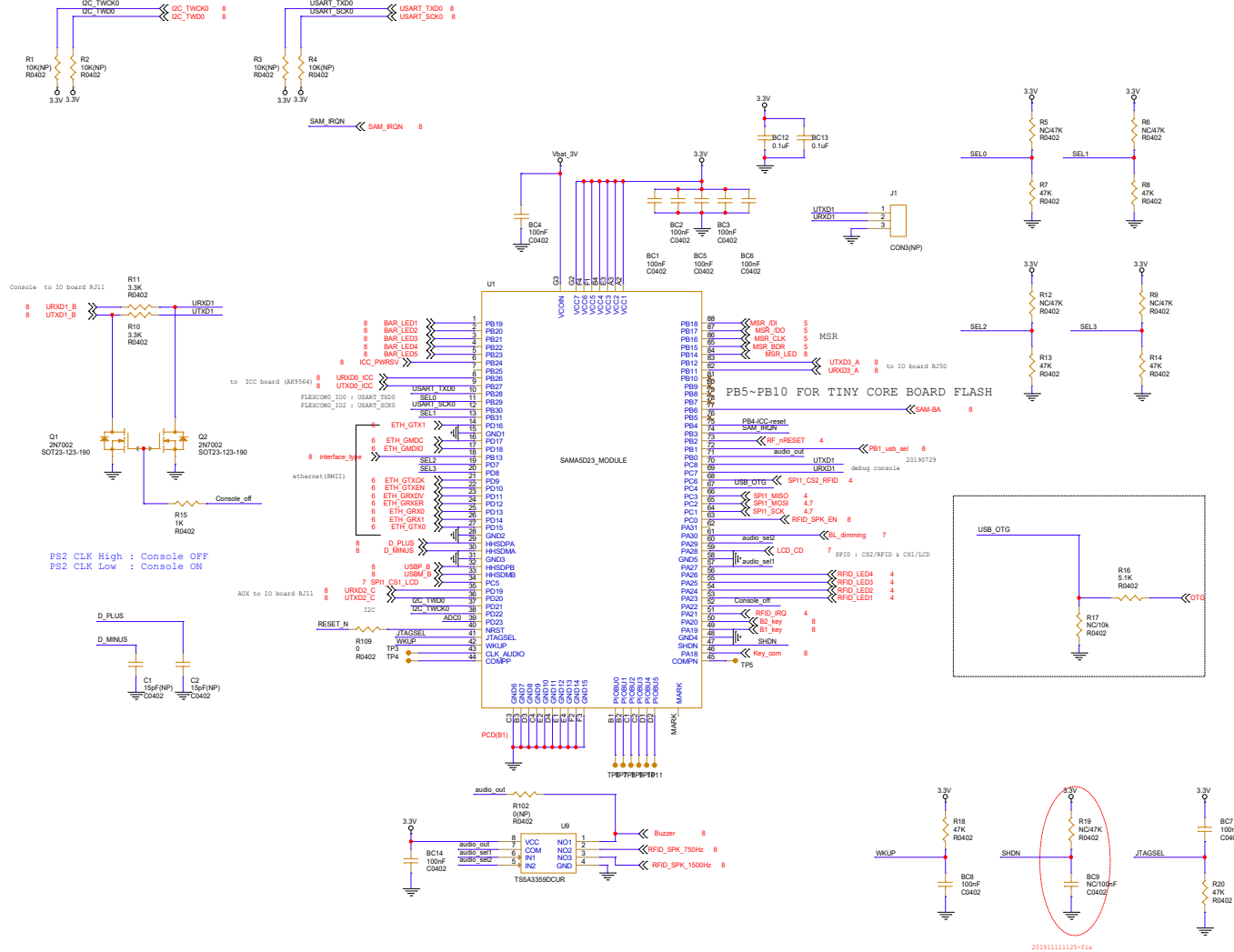
Green:Com(B1)=PCD(B1),IFM(B1)

Red:PCD(A),PCD(B1)

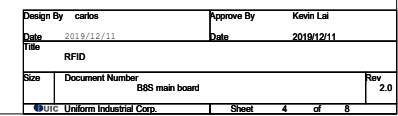
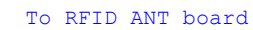
Blue:IFM(A),IFM(B1)



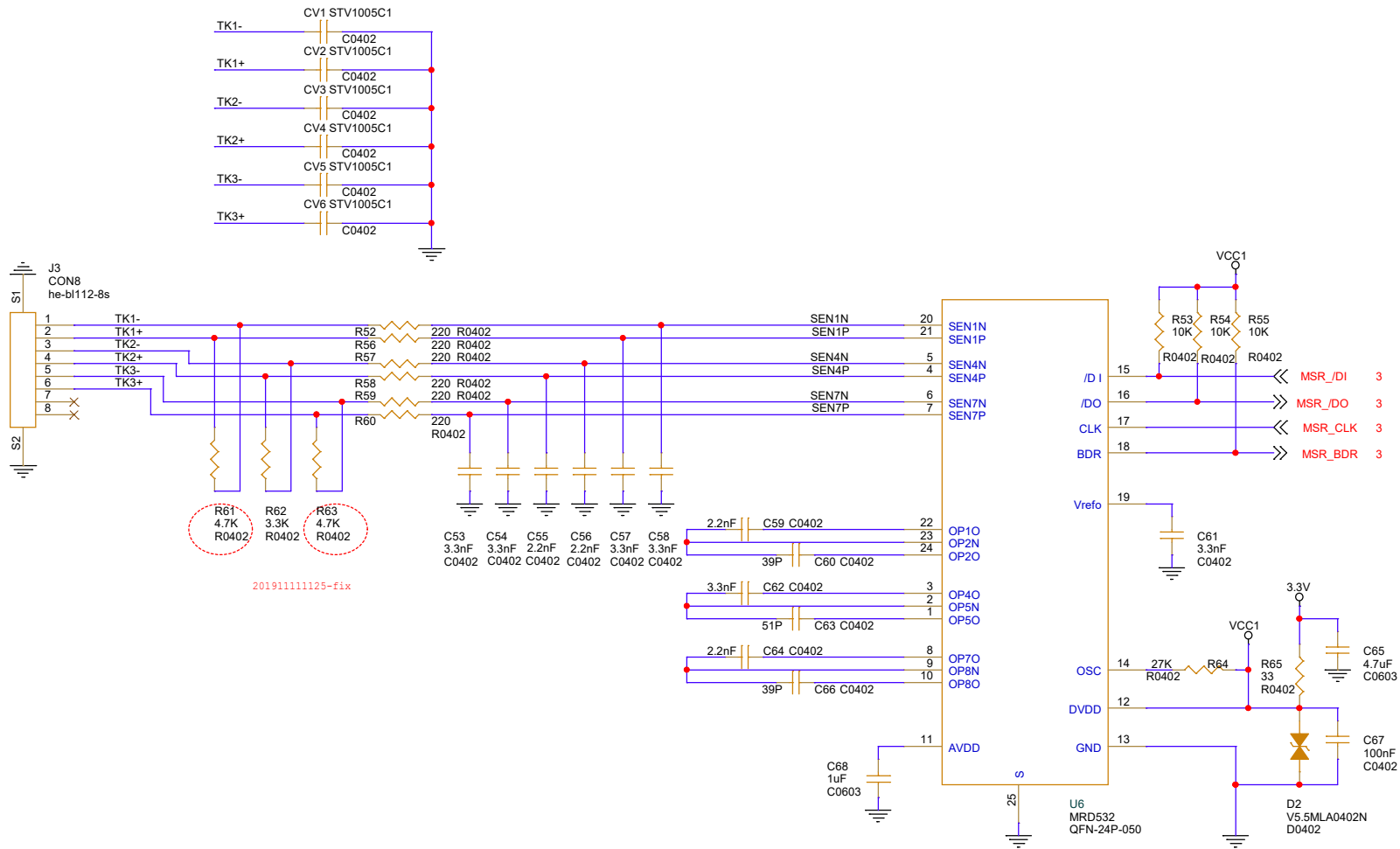
I2C & USART (to SAM board)



Design By	carlos	Approve By	Kevin Lai
Date	2019/11/20	Date	2019/11/20
File	CPU		
Rev	Document Number	BBS main board	Rev 2.0
Build	Uniform Industrial Corp.	Sheet	3 of 8

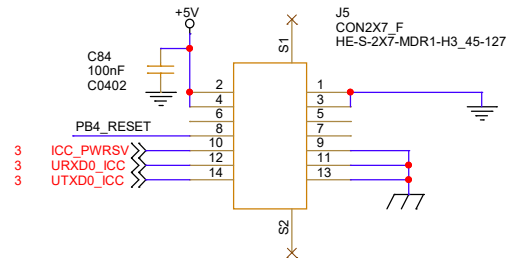


Mag. Head

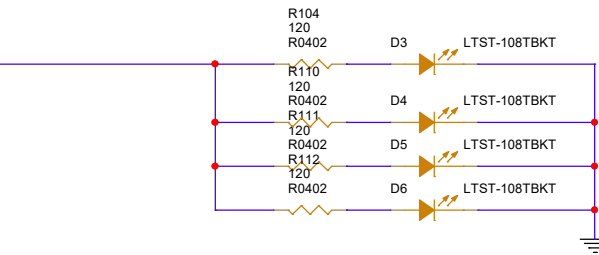
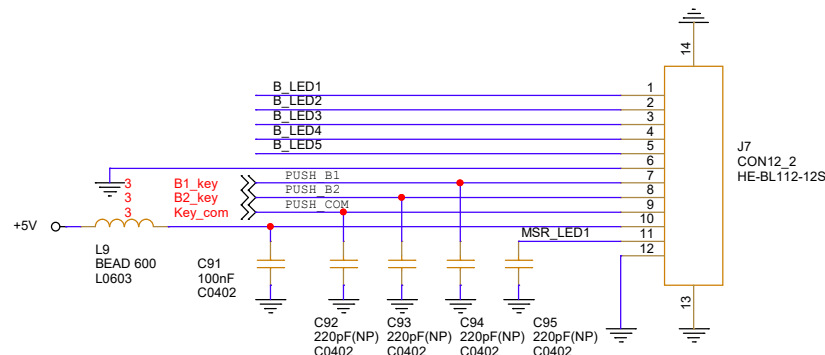


Design By	carlos	Approve By	Kevin Lai
Date	2019/11/20	Date	2019/11/20
Title			
MSR			
Size	Document Number		Rev
	B8S main board		2.0
UIC Uniform Industrial Corp.		Sheet	5 of 8

To ICC board



To Keypad board



A:RJ50
B:RJ11 console
C:RJ11 aux

J7
CON12_2
HE-BL112-12S

3 URXD3_A
3 UTXD3_A
3 URXD2_C
3 UTXD2_C
3 URXD1_B
3 UTXD1_B

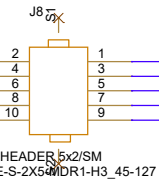
3 SAM_IRQN
3 SAM-BA

3 interface_type
3 D_PLUS
3 D_MINUS
3 OTG

6 Ethernet_LED1
6 Ethernet_LED2
6 Ethernet_RXIP
6 Ethernet_RXIN
6 Ethernet_TXOP
6 Ethernet_TXON

3 USBP_B
3 USBM_B

3 Buzzer
3 PB1 usb sel
3 RFID_SPK_750Hz
3 RFID_SPK_1500Hz
3 RFID_SPK_EN
3 USART_TXD0
3 USART_SCK0
3 I2C_TWCK0
3 I2C_TWD0



Design By	carlos	Approve By	Kevin Lai
Date	2019/11/20	Date	2019/11/20
Title	connector		
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	B8S main board	2.0	
UIC Uniform Industrial Corp.		Sheet	8 of 8