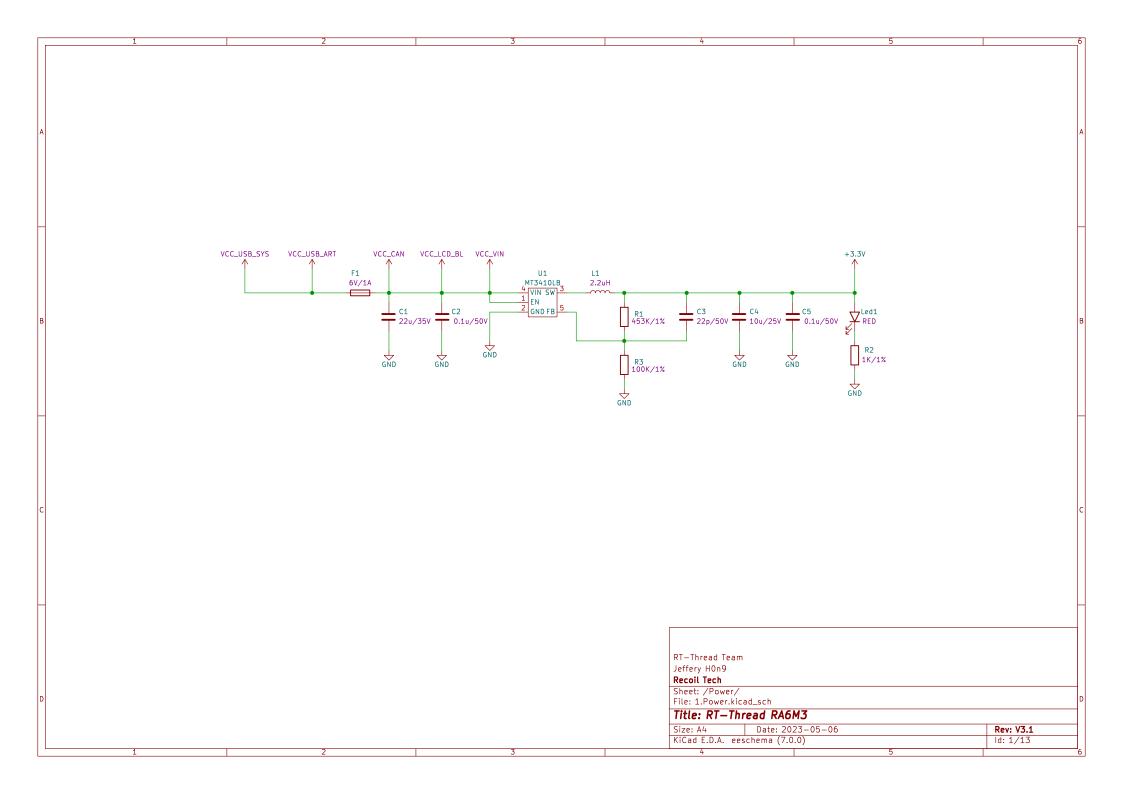
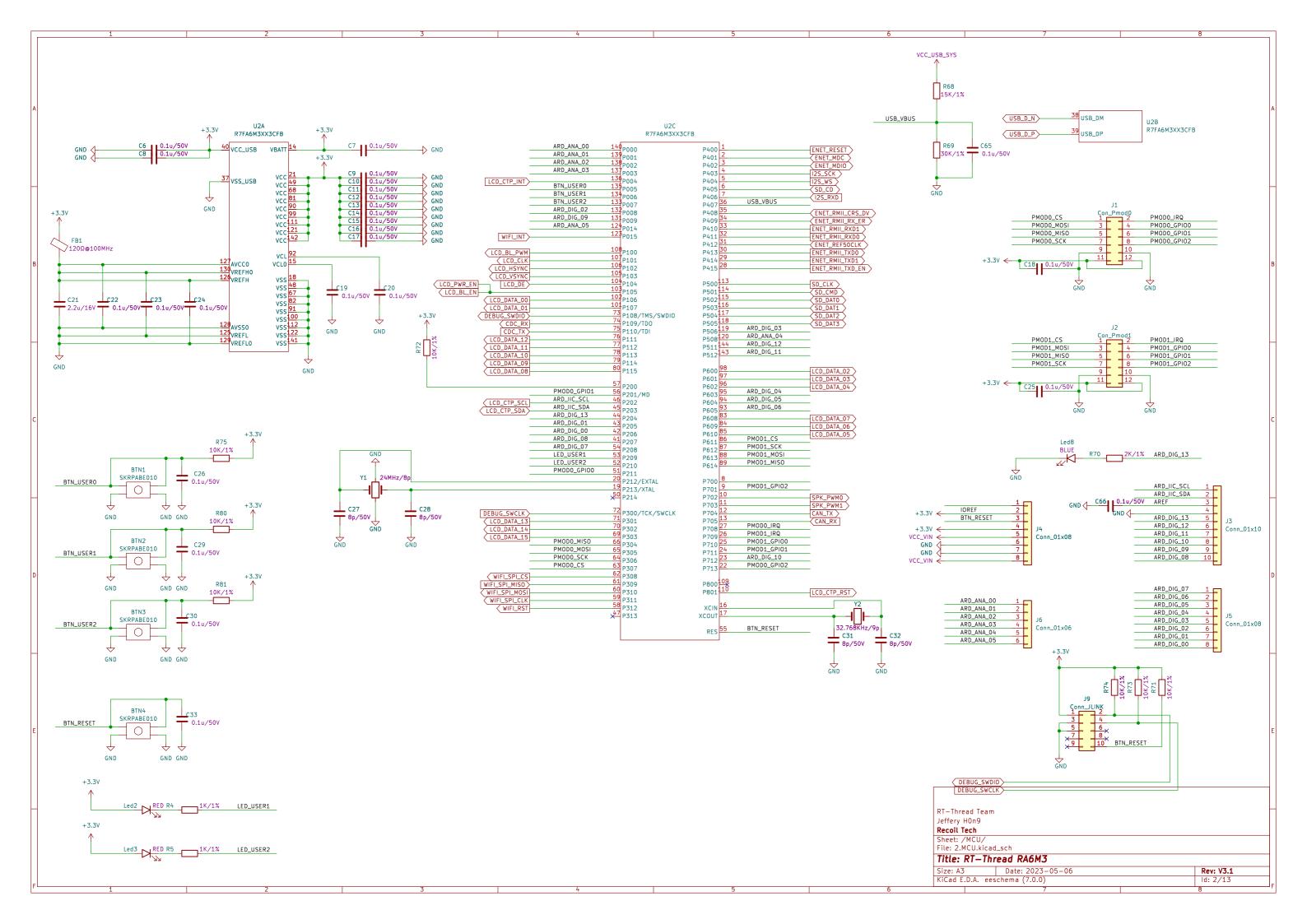
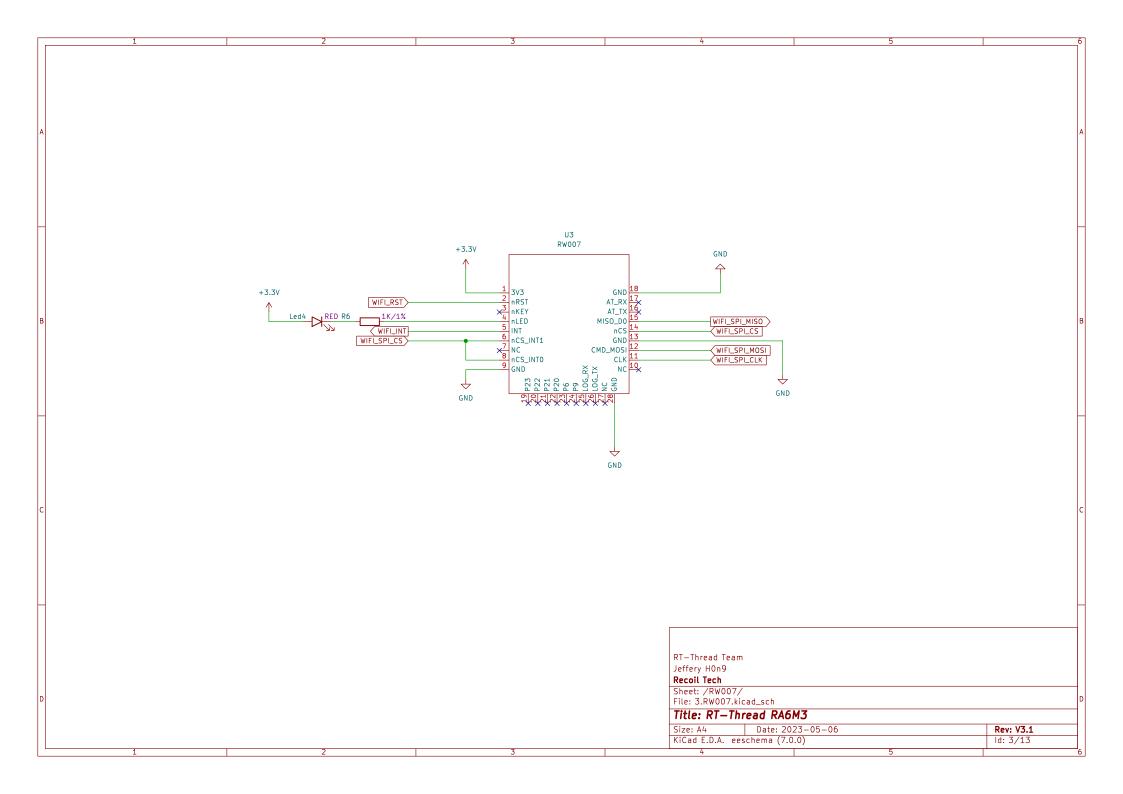
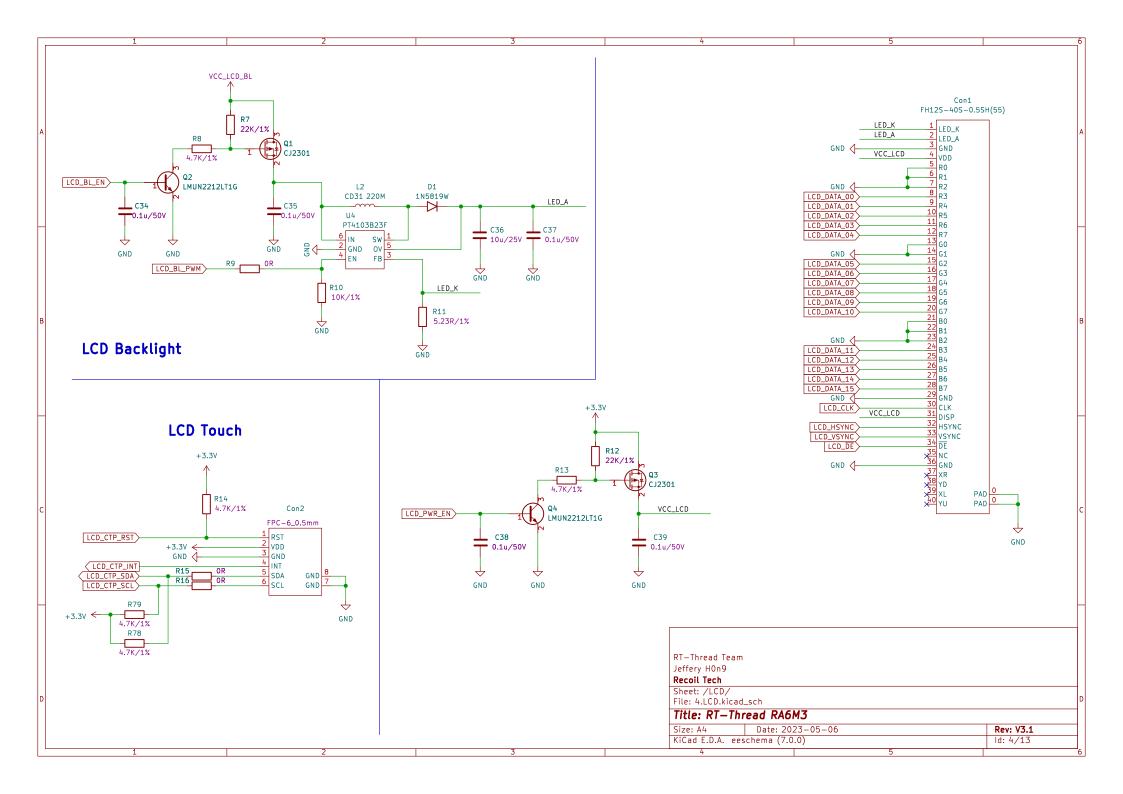
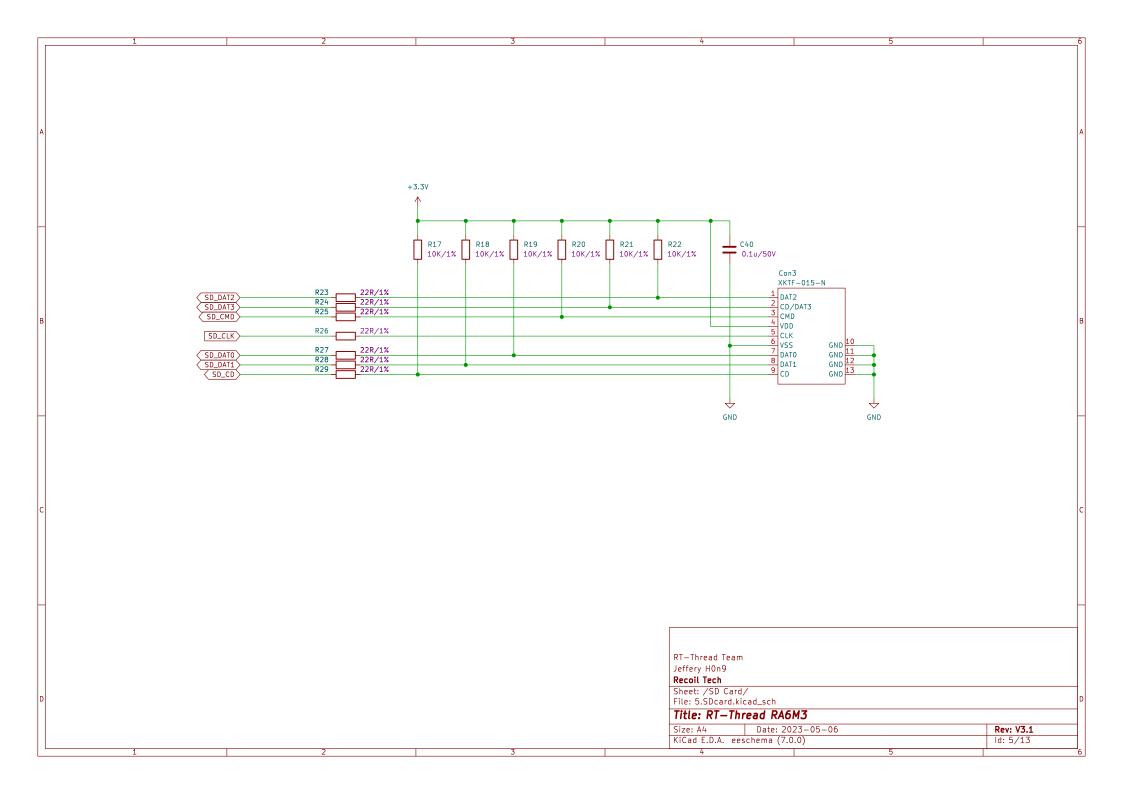
	1	2	3	4	5			_6
						•		
F	Power		RW007	LCD				
								Α
L F	File: 1.Power.kicad_sch		L File: 3.RW007.kicad_sch	L File: 4.LCD.kicad_	sch	J		
S	SD Card		MCU		D . I			
				Arduino Extended	Port	1		
								B
F	File: 5.SDcard.kicad_sch			File: 6.Arduino EX	T.kicad_sch	J		
			File: 2.MCU.kicad_sch					
	160		157.11					
	JSB		ART Link	Ethernet		1		
_								Н
				L File: 9.ETH.kicad_	sch	J		
F	File: 7.USB.kicad_sch		File: 8.ART_Link.kicad_sch					
C	CAN Port		Audio	Pin Map				С
- F	File: 10.CAN.kicad_sch		L File: 11.Audio.kicad_sch	L File: 12.pin_map.l	kicad_sch	J		Н
								41
				RT-Thread Team				
				Jeffery H0n9 Recoil Tech				
				Sheet: /				۱.
				File: rtt_lcd_v3.1.kicad_sch	M7			<b>⊣</b> º
				Title: RT-Thread RA6	<b>MJ</b>		Rev: V3.1	41
				Size: A4 Date: 20. KiCad E.D.A. eeschema (7.0	1.0)		ld: 1/13	+
L	4	3	<del></del>	 <u> </u>	T = ==================================		l	<b>-</b>

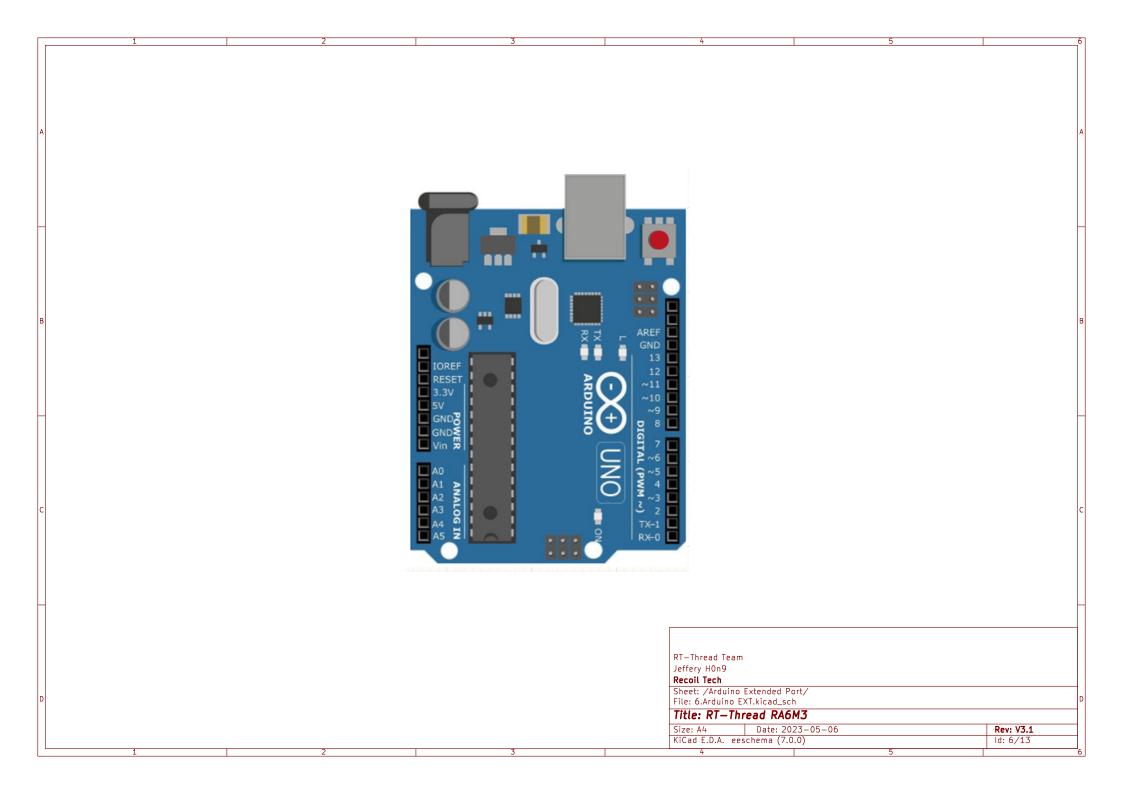


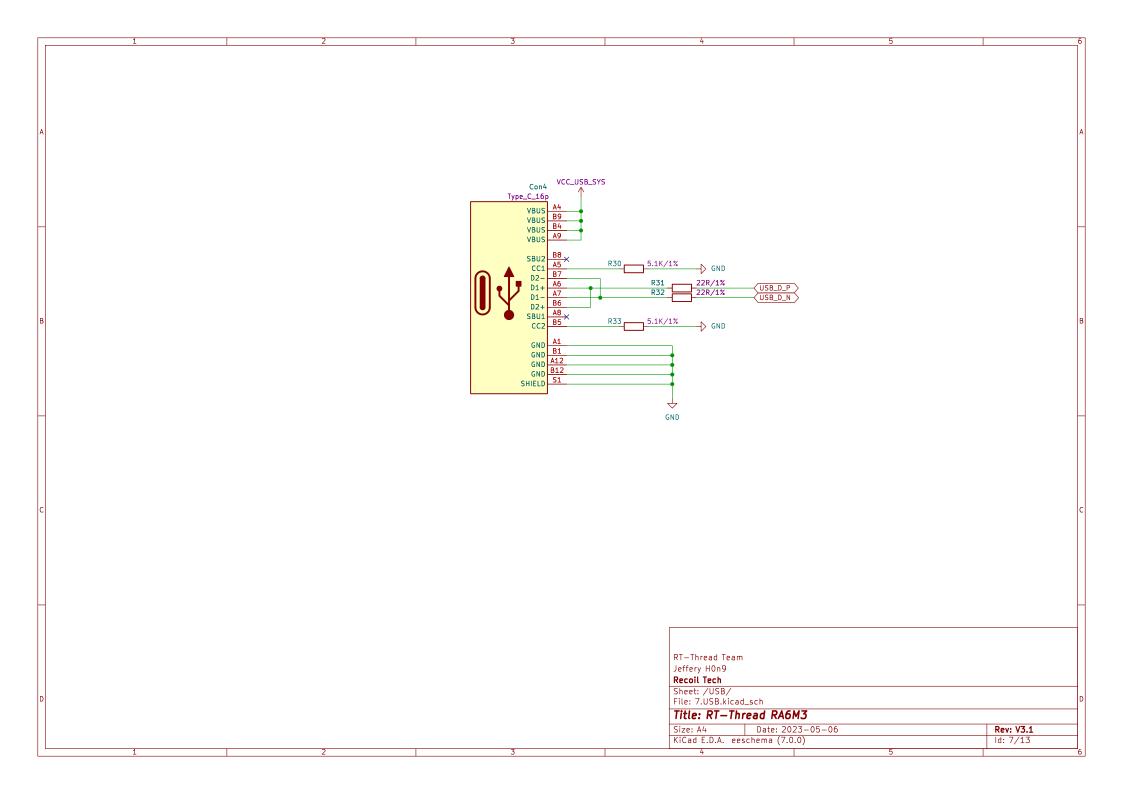


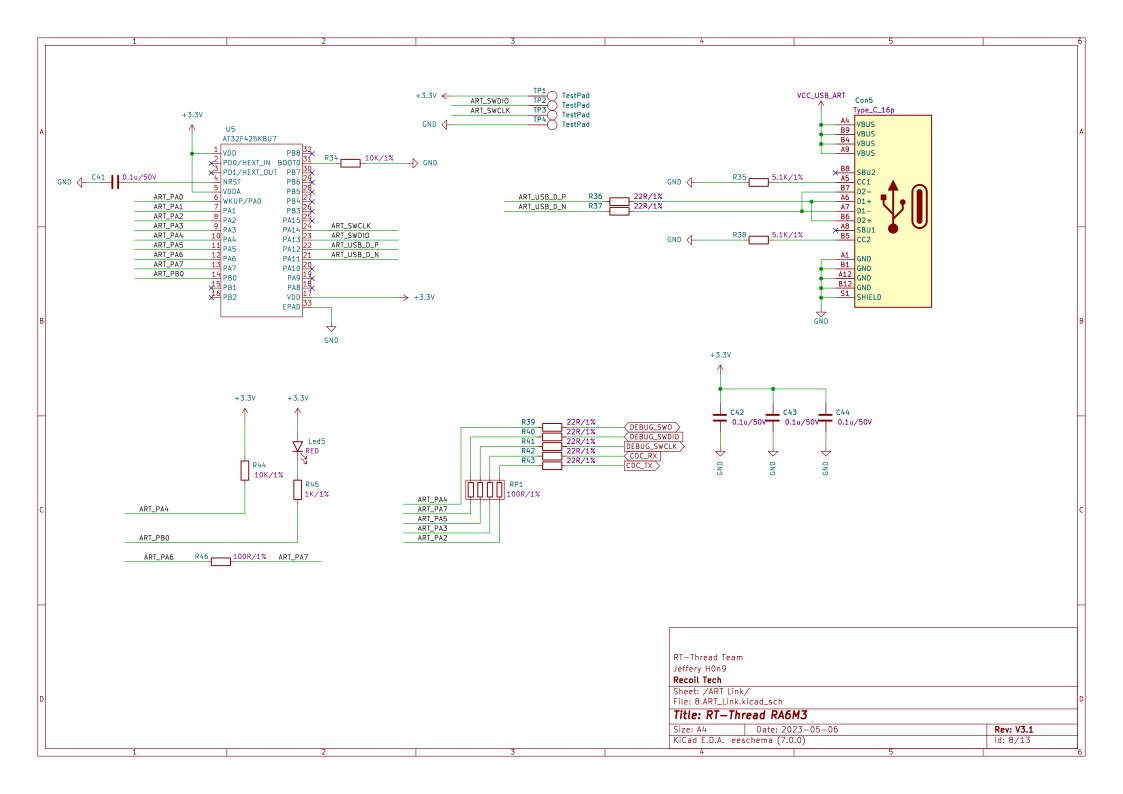


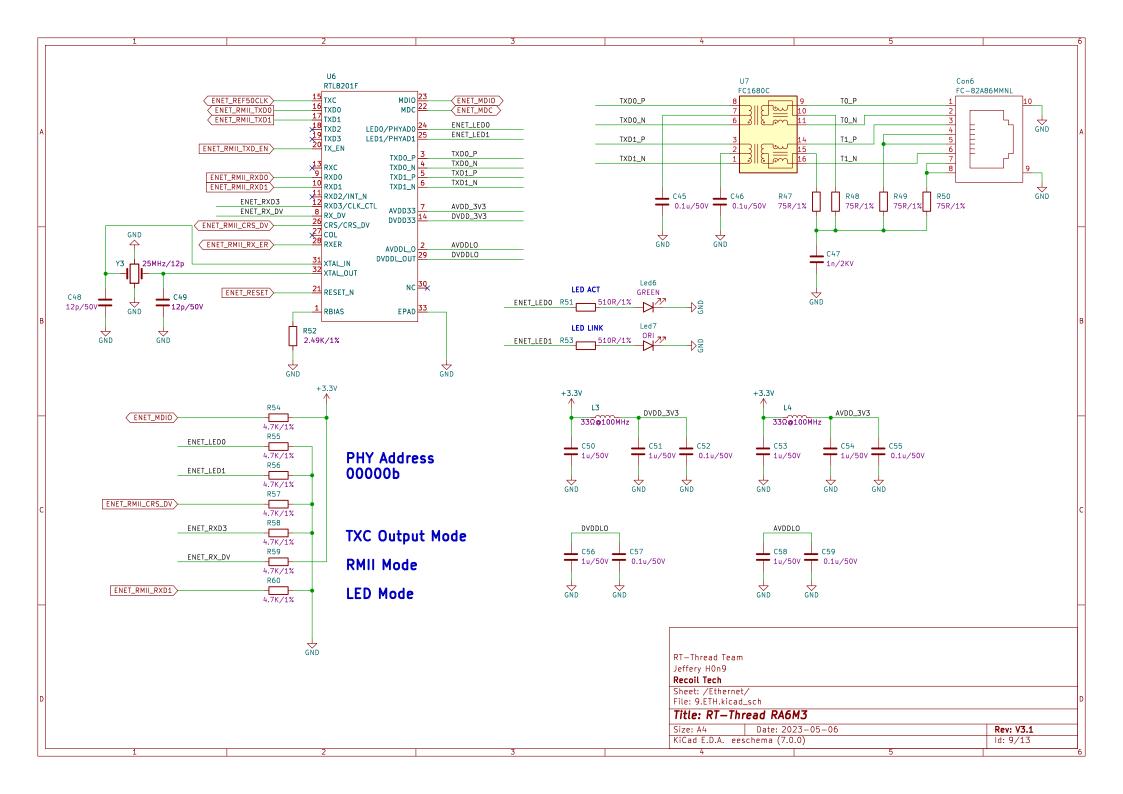


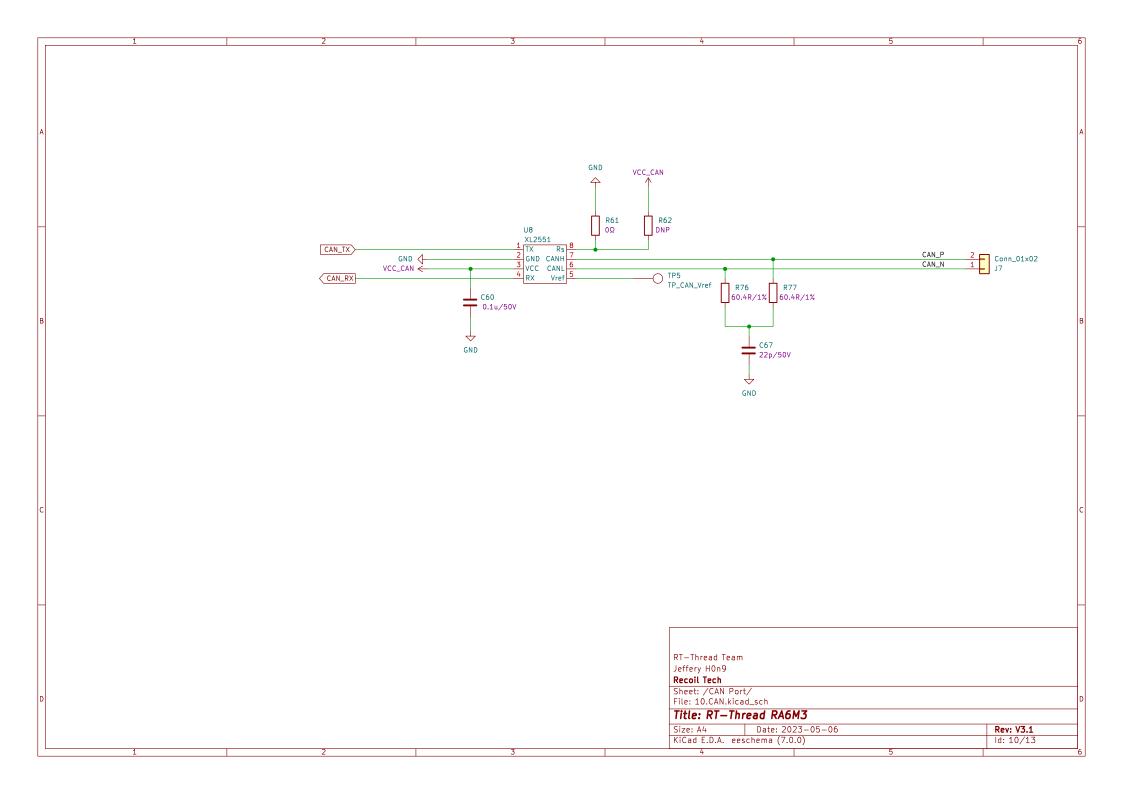


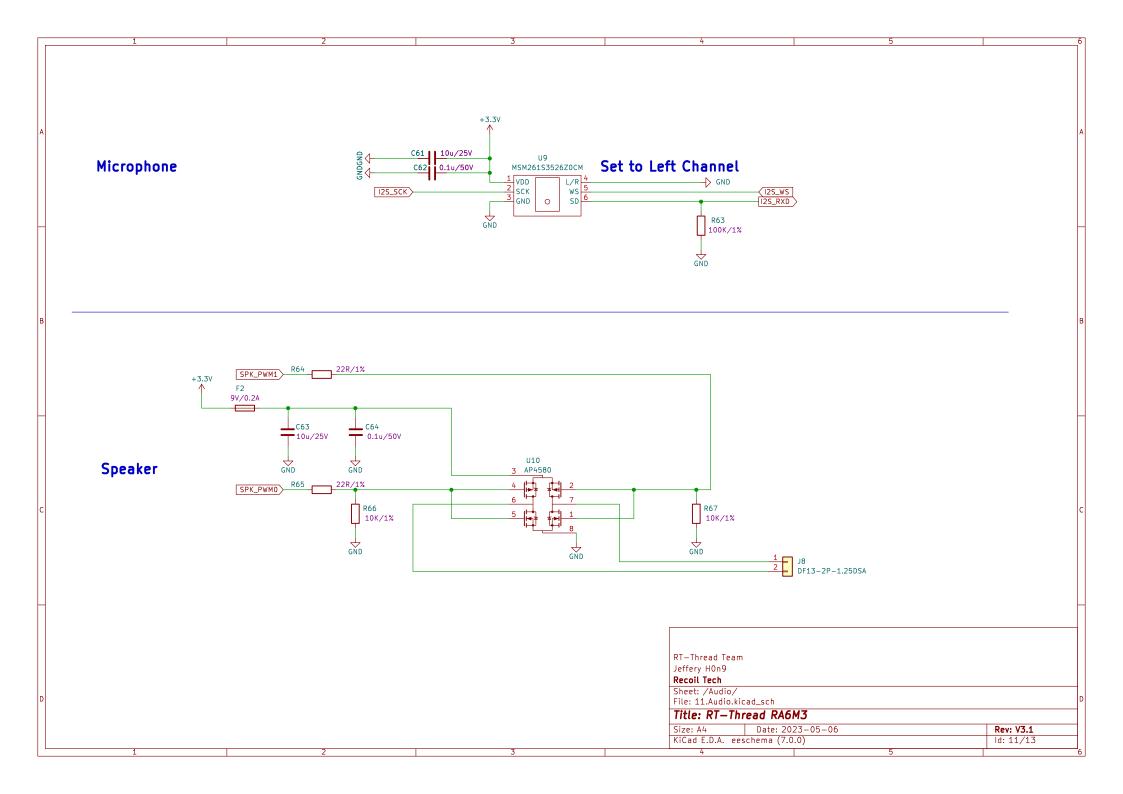












## Debug

	P108	DEBUG_SWDIO
ı	P300	DEBUG_SWCLK
	P110	CDC_TX
	P109	CDC_RX

#### CAN

	P704	CAN_TX
Ī	P705	CAN_RX

#### Ethernet

P408	ETH_RMII_CRS_DV
P409	ETH_RMII_RX_ER
P410	ETH_RMII_RXD1
P411	ETH_RMII_RXD0
P412	ETH_REF50CLK
P413	ETH_RMII_TXD0
P414	ETH_RMII_TXD1
P415	ETH_RMII_TXD_EN
P400	ETH_RESET
P401	ETH_MDC
P402	ETH_MDIO

## LCD

P101		LCD CLK
P102		LCD HSYNC
P103		LCD_VSYNC
P104		LCD_DE
P105	LCD_PWR_EN	LCD_BL_EN
P100		LCD_BL_PWM
P106		LCD_DATA_00
P107		LCD_DATA_01
P600		LCD_DATA_02
P601		LCD_DATA_03
P602		LCD_DATA_04
P610		LCD_DATA_05
P609		LCD_DATA_06
P608		LCD_DATA_07
P115		LCD_DATA_08
P114		LCD_DATA_09
P113		LCD_DATA_10
P112		LCD_DATA_11
P111		LCD_DATA_12
P301		LCD_DATA_13
P302		LCD_DATA_14
P303		LCD_DATA_15
P202		LCD_CTP_SCL
P203		LCD_CTP_SDA
P801		LCD_CTP_RST
P004		LCD_CTP_INT

#### **RW007**

P308	WIFI_SPI_CS
P309	WIFI_SPI_MISO
P310	WIFI_SPI_MOSI
P311	WIFI_SPI_CLK
P312	WIFI_RST
P015	WIFI_INT

#### **USB**

USB_DP	USB_DM_P
USB_DM	USB_DM_N

# **12S Microphone**

P403	I2S_SCK
P404	12S_WS
P406	I2S_RXD

# Speaker

	P702	SPK_PWM0
Ξ	P703	SPK_PWM1

#### SD Card

P500	SD_CLK
P501	SD_CMD
P502	SD_DAT0
P503	SD_DAT1
P504	SD_DAT2
P505	SD_DAT3
P405	SD_CD

#### User Led

P209	LED_USER1
P210	LED_USER2

#### **User Botton**

P005	BTN_USER0
P006	BTN_USER1
P007	BTN_USER2

#### Pmod0

P304	PMODO_MISO
P305	PMODO_MOSI
P306	PMODO_SCK
P307	PMODO_CS
P708	PMOD0_IRQ
P211	PMOD0_GPI00
P201	PMOD0_GPI01
P713	PMOD0_GPI02

#### Pmod1

P614	PMOD1_MISO
P613	PMOD1_MOSI
P612	PMOD1_SCK
P611	PMOD1_CS
P709	PMOD1_IRQ
P710	PMOD1_GPI00
P711	PMOD1_GPI01
P701	PMOD1_GPIO2

#### Arduino

# Analog

P000	ARD_ANA_00
P001	ARD_ANA_01
P002	ARD_ANA_02
P003	ARD_ANA_03
P508	ARD_ANA_04
P014	ARD_ANA_05

### Digital

P202	ARD_IIC_SCL
P203	ARD_IIC_SDA
P204	ARD_DIG_13
P511	ARD_DIG_12
P512	ARD_DIG_11
P712	ARD_DIG_10
P009	ARD_DIG_09
P207	ARD_DIG_08
P208	ARD_DIG_07
P605	ARD_DIG_06
P604	ARD_DIG_05
P603	ARD_DIG_04
P506	ARD_DIG_03
P008	ARD_DIG_02
P205	ARD_DIG_01
P206	ARD_DIG_00

RT-Thread Team Jeffery H0n9

Recoil Tech

Sheet: /Pin Map/ File: 12.pin\_map.kicad\_sch

Title: RT-Thread RA6M3

 Size: A4
 Date: 2023-05-06
 Rev: V3.1

 KiCad E.D.A. eeschema (7.0.0)
 Id: 13/13