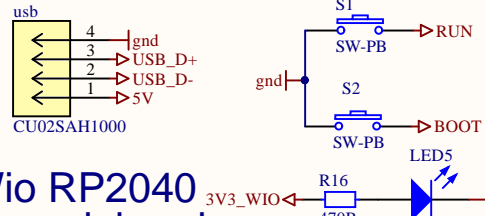
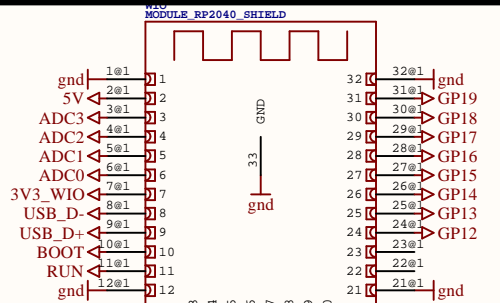
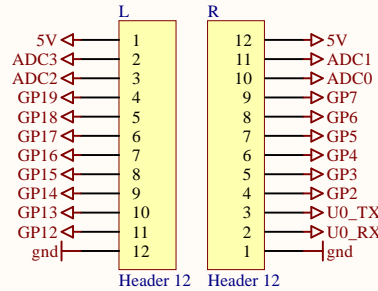
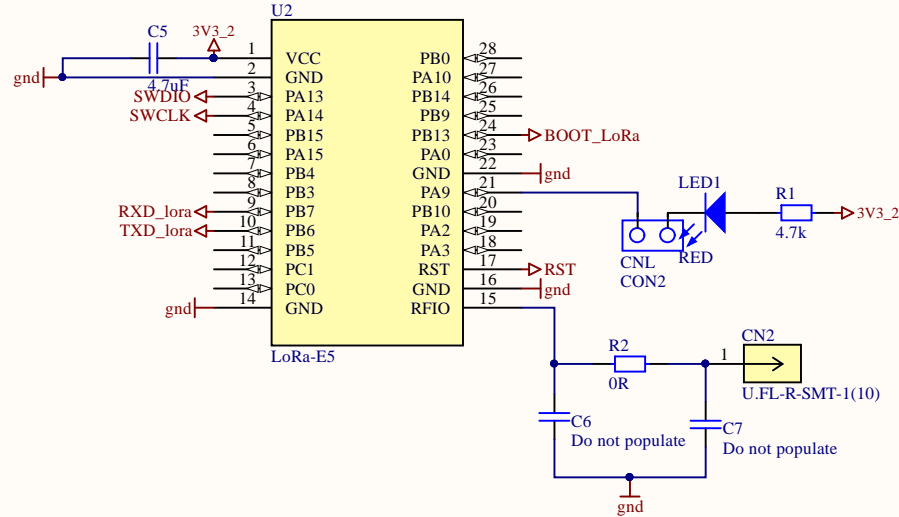


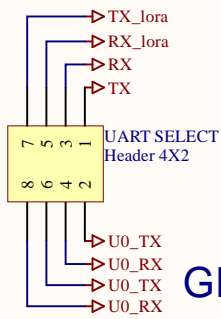
Voltage regulators



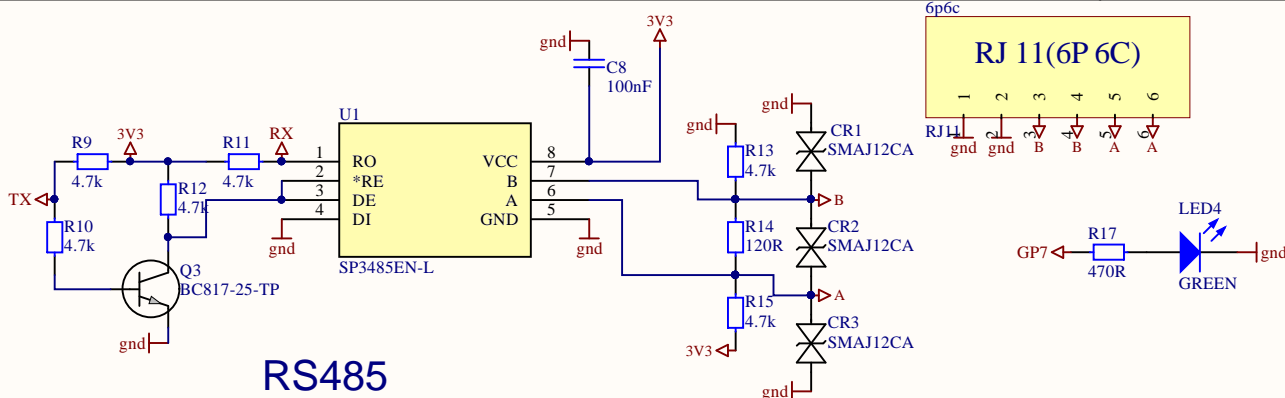
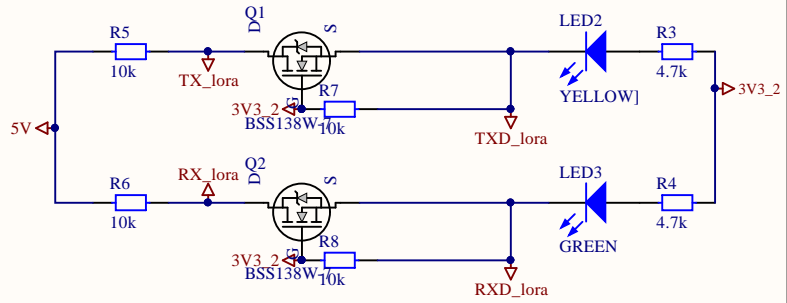
Wio RP2040 +peripherals



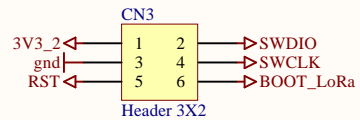
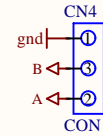
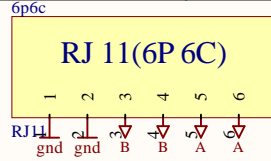
LoRa-E5



GPIO header +UART select



RS485



NW-7 dev board

Title		
Size	Number	Revision
A4	1	1.3
Date:	22.4.2024 r.	Sheet 1 of 1
File:	C:\Users\...\nw7_rev1.3.SchDoc	Drawn By: NetWorker-V

Comment	Description	Designator	Footprint	LibRef	Quantity
RJ11		6p6c	Rj 11	RJ11	1
100nF	Capacitor	C1, C2, C3, C4, C8	smd_0603	Cap	5
4.7uF	Capacitor	C5	smd_0603	Cap	1
Do not populate	Capacitor	C6, C7	smd_0603	Cap	2
U.FL-R-SMT-1(10)	No Description Available	CN2	CONN_U.FL-R-SMT-1(10)_HIR	U.FL-R-SMT-1(10)	1
Header 3X2	Header, 3-Pin, Dual row	CN3	HDR2X3	Header 3X2	1
CON 3		CN4	CON HD516V3P	CON 3	1
CON 5		CN9	JMP 1x5	CON 5	1
CON2		CNL	JMP 1x2	CON 2	1
SMAJ12CA	No Description Available	CR1, CR2, CR3	SMASeries_LTF	SMAJ12CA	3
Header 12	Header, 12-Pin	L, R	HDR1X12	Header 12	2
RED	Typical INFRARED GaAs LED	LED1, LED5	smd_0805_led	LED	2
YELLOW]	Typical INFRARED GaAs LED	LED2	smd_0805_led	LED	1
GREEN	Typical INFRARED GaAs LED	LED3, LED4	smd_0805_led	LED	2
BSS138W-7		Q1, Q2	SOT-323_DIO	BSS137W-7	2
BC817-25-TP	No Description Available	Q3	BC817_MCC	BC817-25-TP	1
4.7k		R1, R3, R4, R9, R10, R11, R12, R13, R15	smd_0603	Res_2	9
0R		R2	smd_0603	Res_2	1
10k		R5, R6, R7, R8	smd_0603	Res_2	4
120R		R14	smd_0603	Res_2	1
470R		R16, R17	smd_0603	Res_2	2
SW-PB	Switch	S1, S2	sw DTSM6x	SW-PB	2
SP3485EN-L	No Description Available	U1	NSOIC8_MXL	SP3485EN-L	1
LoRa-E5	No Description Available	U2	QFN_90687_SEE	317990687	1
Header 4X2	Header, 4-Pin, Dual row	UART SELECT	HDR2X4	Header 4X2	1
CU02SAH1000	No Description Available	usb	CONN_CU02SAH1000_CVI	CU02SAH1000	1
MCP1799	Voltage Regulator	VR1, VR2	SOT223-3	Volt Reg 3	2
MODULE_RP2040_SHIELD		WIO	MODULE_RP2040_SHIELD	MODULE_RP2040_SHIELD	1