This is an electronic schematic diagram (电子秤 - electronic scale). The schematic contains the following identifiable components and labels:

Signal/Net labels
- DATA
- DATA_1, DATA_2, DATA_3, DATA_4
- CD_C, CD_D, CD_B
- AGND, GND, +5V, 12V, 5V
- VDD3V3, VDD_LORA, VBUS
- CHIP_PU
- LOAR_MOSI, LOAR_MISO, LOAR_NSS, LOAR_SCK, LOAR_NRSET, LORA_BUSY
- U0TXD, U0RXD
- SCLK, SCLK_1, SCLK_2, SCLK_3
- RTC_SCL, RTC_SDA

Integrated circuits / modules
- U0 — CD4067BM96 (COMMON/INOUT, I0–I15, INHIBIT, VCC, GND, A, B, C, D)
- U2 — HX711 (VSUP, BASE, AVDD, VFB, AGND, VBG, INNA, INPA, DVDD, RATE, XI, XO, DOUT, PD_SCK, INPB, INNB)
- U3 — HX711
- U5 — HX711
- U6 — HX711
- U4 — Micro_32 (GND, 3V3, EN, VP, VN, IO34, IO35, RTC_SCL, RTC_SDA, IO32, IO33, IO25, IO26, IO27, IO14, IO12, IO13, SD2, SD3, CMD, CLK, SD0, SD1, IO15, IO2, IO0, IO4, IO16, IO17, IO5, IO18, IO19, IO21, RXD0, TXD1, IO22, IO23)
- U7 — HPD16A (ANT, GND, DIO3, NC, VCC, NC, DIO1, BUSY, NC, NRESET, NSS, SCK, MOSI, MISO, GND)
- U8 — MT1471 (VIN, BS, SW, FB, EN, GND)
- U9 — TYPEY-C (GND, VBUS, UBUS1, CC, U0TXD, U0RXD, SUB1, UBUS2, PWR1, SBU2, DN-, DP1-, VCONN, PWR, CHIP_PU)
- U10 — RT9080 (IN, OUT, GND, EN, NC)

Transistors
- Q1, Q2, Q3, Q4 — S8050
- Q5 — SI2301

Connectors / switches
- P1, P2, P3, P4 — 4P
- P6 — Header 4
- PX — Header 2
- SW1 — K3-1391D-5MM
- S1, S2 — 3*4*2MM (按键)
- XX1 — TIAN

Ferrite beads / inductors
- L1, L4, L3, L0 — (磁珠)
- L8, L9, L10, L11 — FB0603/600R/500MA
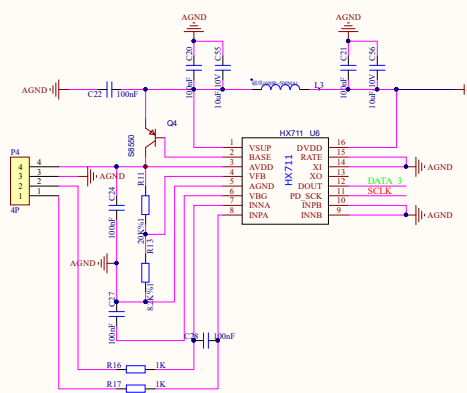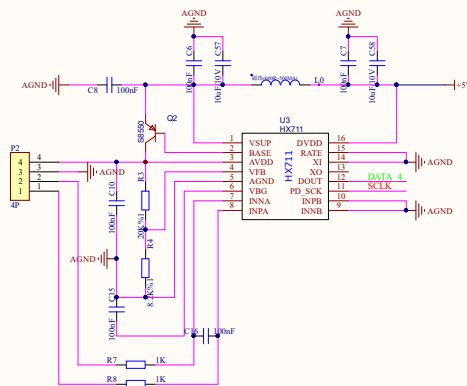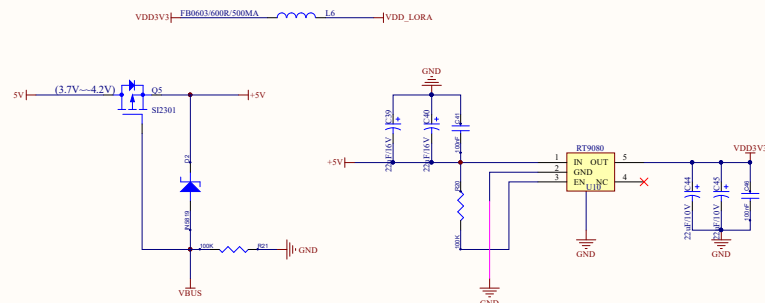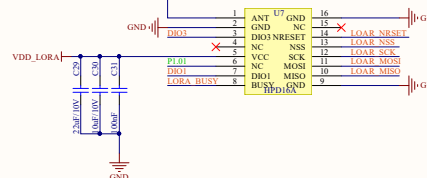- L6 — FB0603/600R/500MA
- L2

Notes (Chinese text)
- MTDI(GPIO12)__默认下拉 0为3.3V 1为1.8V
- GPIO2__默认下拉 0为下载启动模式 1无关项
- MTDO（GPIO15）__默认上拉 为1上电正常打印 0上电不打印
- 1: 工作电流不得低于200MA
- 2: 电源纹波不得低于30MV
- 3:休眠电流最大1.5UA
- 4: 发射最大114MA
- 5: 接受最大电流8.2MA
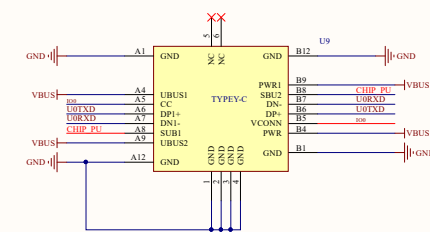
Component values (various)
- 100nF, 100pF, 10uF/10V, 1uF/25V, 22uF/16V, 47uF/25V, 47uF/16V, 4.7K, 20K, 8.2K, 1K, etc.

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF		C1, C3, C4, C5, C6, C7, C8, C9, C10, C17, C18, C19, C20, C21, C22, C23, C24, C36, C41, C42, C43, C46, C60	LC-0603_C	C, C, C, C, C, C, C, C, C, C, C, C, C, C, C, C, C, C, CAP NP, C, C, CAP NP, C	23
100nF	[NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], Capacitor	C2, C11, C14, C15, C16, C25, C26, C27, C28, C31	LC-0402_C	C, C, C, C, C, C, C, C, C, Cap	10
10uF/ 10V	Polarized Capacitor (Surface Mount), Polarized Capacitor (Surface Mount), [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue]	C12, C13, C50, C52, C53, C54, C55, C56, C57, C58	LC-0805_C	Cap Pol3, Cap Pol3, C, C, C, C, C, C, C, C	10
22uF/ 10V	Capacitor, Polarized Capacitor (Surface Mount), Polarized Capacitor (Surface Mount)	C29, C44, C45	LC-0805_C	Cap, Cap Pol3, Cap Pol3	3
10uF/ 10V	Capacitor	C30	LC-0603_C	Cap	1
1uF/ 25V		C32	LC-0603_C	C	1
10uF/ 25V	Polarized Capacitor (Surface Mount)	C33	LC-0805_C	Cap Pol3	1
100uF/ 25V		C34	LC-1210_C	C	1
47uF/ 25V		C35	LC-1206_C	C	1
100uF/ 16V		C37	LC-1210_C	C	1
47uF/ 16V		C38	LC-1206_C	C	1
22uF/ 16V	Polarized Capacitor (Surface Mount)	C39, C40, C48	LC-0805_C	Cap Pol3	3
10uF/ 10V		C62	LC-0402_C	C	1
1uF/ 6.3V		C64	LC-0402_C	C	1
D301（NC）		D1	M7	DIODE ZENER_4_1	1
IN5819		D2	SDO123	DIODE ZENER_4_1	1
SS24		D6	M7	DIODE ZENER_4_1	1
磁珠(600R~500MA)	Power Inductor, 4.7uH, 0.7A, 260mR DCR	L0, L1, L3, L4	LC-0603_L		4
SWPA5040S101NT	Power Inductor, 4.7uH, 0.7A, 260mR DCR	L2	IND-SMD_L3.0-W3.0_SWPA3010S		1
FB0603/600R/500MA	Inductor	L6, L8, L9, L10, L11	LC-0603_L	Inductor	5
4P		P1, P2, P3, P4	CONN-TH_4P_XHB-4A	4P	4
Header 4	Header, 4-Pin	P6	CONN-TH_4P_XHB-4A	Header 4	1
Header 2	Header, 2-Pin	PX	CONN-TH_2P-P2.54_JL301-50002U02	Header 2	1
S8550		Q1, Q2, Q3, Q4	SOT-23-3L	FHT9015Y-ME	4
SI2301		Q5	SOT-23 - GDS	PWRMOSFET_EP_DGS_0	1
20K%1	Resistor	R1, R3, R9, R11	LC-0402_R	Res2	4
8.2K%1	Resistor	R2, R4, R10, R13	LC-0402_R	Res2	4
1K	Resistor	R5, R6, R7, R8, R14, R15, R16, R17	LC-0402_R	Res2	8
0R		R12	LC-0402_R	R	1
100K		R18, RX	LC-0603_R	Res0603	2
100K%1		R19	LC-0603_R	Res0603	1
100K		R20, R21, R32	LC-0402_R	R	3
31.6K%1		R22	LC-0603_R	Res0603	1
100R		RX1, RX2, RX3, RX6, RX8	LC-0402_R	R	5
10K		RX9	LC-0402_R	R	1
4.7K	Resistor	RY1, RY2	LC-0402_R	Res2	2
3*4*2MM（灰色按键）	Switch	S1, S2	TS-018TS-018	SW-PB	2
K3-1391D-5MM		SW1	SW-TH_K3-1391D-5MM	K3-1391D-5MM	1
CD4067BM96		U0	SOIC-24_L15.4-W7.5-P1.27-LS10.3-BL	CD4067BM96	1
HX711		U2, U3, U5, U6	SOP-16_L10.0-W3.9-P1.27-LS6.0-BL	HX711	4
Mirco _32		U4	38PIN_/ SOP	Mirco _32	1
HPD16A		U7	SX1276	HPD16A	1
MT1471		U8	SOT-23-6_L2.9-W1.6-P0.95-LS2.8-BR	MT1471	1
TYPEY-C		U9	TYPE-C3.0	TYPEY-C	1
RT9080		U10	LC-SOT-23-5	AP2112K-3.3V	1
TIAN		XX1	ANT_JACK	TIANX	1