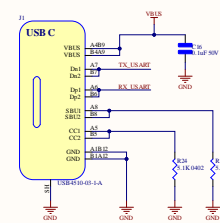
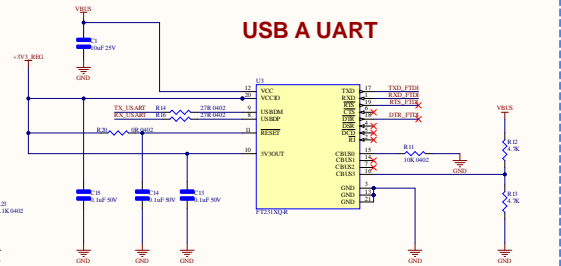


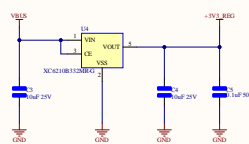
## USB TIPO C



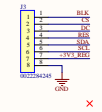
## USB A UART



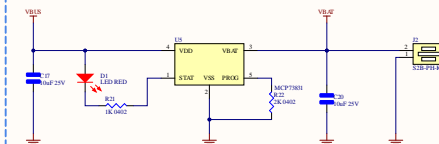
## LDO LORA



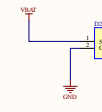
## CONECTORES



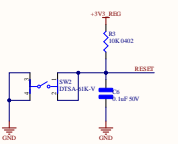
## GESTOR DE ENERGÍA



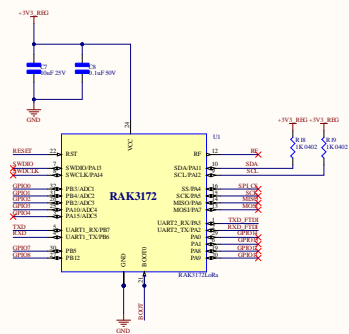
## CARGA INALAMBRICA



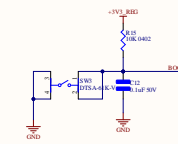
## BOTON RESET



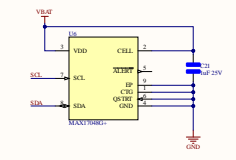
## MODULO LORA RAK3172



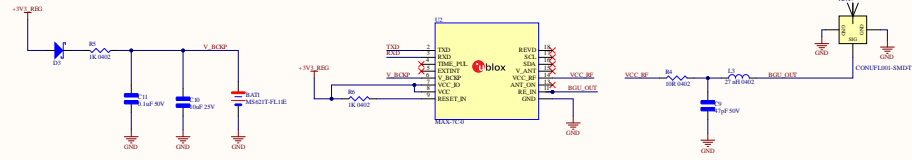
## BOTON BOOT



## SUPERVISOR DE BATERIA



## MAX-7C-0



Item	Number	Revision
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6

Comment	Description	Designator	Footprint	LibRef	Quantity
CONUFL001-SMD-T	Surface Mount Ultra Miniature Coaxial Jack Connector	ANT7	U_FL (UMCC)	CONUFL001-SMD-T	1
MS621T-FL11E	MS Lithium Rechargeable Battery MS-T series 3V Type	BAT1	6.8MM_COIN_CELL	MS621T-FL11E	1
10uF 25V	Cap Ceramic 10uF 25V JB 20% SMD (0603 85°C Punched Paper T/R	C1, C3, C4, C7, C10, C17, C20	C0603_TH0.90MM	C1608JB1E106M080AC	7
0.1uF 50V	CAP CER 0.1uF 50V X7R 0402	C5, C6, C8, C11, C12, C13, C14, C15, C16	C0402_TH0.55MM	C105B104KB54PNC	9
47pF 50V	Cap Ceramic 47pF 50V C0G 5% SMD 0402 150°C Punched Paper T/R	C9	C0402_TH0.55MM	C1005NP01H470X050BA	1
1uF 25V	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0402 25VDC 1uF 10% XSR 0.5mm	C21	C0402_TH0.55MM	C1005XS81E105K050BC	1
LED RED	LED RED CLEAR 0402 SMD	D1	LED0402R	XZMER68W-3	1
5V 1A	Power Management IC Development Tools Wireless Charging Module 5V/1A	D2	DFR03	DFR0362	1
3A 40 V	Rectificadores y diodos Schottky 40V SchottkyFL 3A	D3	SODFL3719X135N	SBA340AL_R1_00001	1
USB4510-03-1-A	USB Connector Type C SMT Mid-Mount 16 Pin	J1	USBC21	USB4510-03-1-A	1
S2B-PH-K-S	Conn Shrouded Header (4 Sides) HDR 2 POS 2mm Solder RA Thru-Hole Box	J2	CONN_S2B-PH-K-S	S2B-PH-K-S(LF)(SN)	1
0022284245	CONN HEADER VERT 8POS 2.54MM	J3	HDR_1X12_2.54MM	0022284245_8	1
27 mH 0402	Inductores fijos WE-MK 0.3A 27mH SHd 0402 DCR+670 mOhms	L3	L0402_TH0.55MM	7447840127G	1
10K 0402	10KΩ ± 5.00% 0.0625W ± 100ppm/°C 0402	R3, R11, R15	R0402_TH0.40mm	RC0402JR-0710KL	3
10R 0402	Res General Purpose Thick Film 0402 10 Ohm 1% 1/16W ±200ppm/°C Molded SMD Paper T/R	R4	R0402_TH0.40mm	RC0402FR-0710RP	1
1K 0402	1KΩ ± 0.10% 0.0625W ± 25ppm/°C 0402	R5, R6, R18, R19, R21	R0402_TH0.40mm	RT0402BRD071KL	5
4.7K	RES 4.7K OHM 1% 1/16W 0402	R12, R13	R0402_TH0.40mm	RC0402FR-074K7L	2
27R 0402	RES 27 OHM 1% 1/16W 0402	R14, R16	R0402_TH0.40mm	RC0402FR-0727RL	2
0R 0402	RC Series 0402 0.063 W 0 Ohm Jumper Surface Mount Thick Film Chip Resistor	R20	R0402_TH0.40mm	RC0402FR-070RL	1
2K 0402	SMD Chip Resistor 2 kOhm, ± 1%, 63 mW, 0402 [1005 Metric], Thick Film, General Purpose	R22	R0402_TH0.40mm	AC0402FR-072KL	1
5.1K 0402	RES SMD 5.1K OHM 1% 1/16W 0402	R23, R24	R0402_TH0.40mm	AC0402FR-075K1L	2
DTSA-61K-V	Switch Tactile N.O. SPST Button	SW2, SW3	SW_TL1105JAF250Q	DTSA-61K-V	2
RAK3172LoRa	RAK3172 is a low-power long-range transceiver module based on the STM32WLE5CC chip. It provides an easy-to-use, small-size, low-power solution for long range wireless data applications	U1	RAK3172	RAK3172	1
MAX-7C-0	MAX-7 RF Receiver GLONASS, GNSS, GPS 1.575GHz -150dBm	U2	GPS18P-SMD-1.1-10X9.6MM	MAX-7C-0	1
FT231XQ-R	IC USB SERIAL FULL UART 200FN	U3	FP-QFN-20-IPC_B	FT231XQ-R	1
XC6210B332MR-G	Linear Voltage Regulator IC Positive Fixed 1 Output 3.3V 700mA SOT-25	U4	SOT-25-5	XC6210B332MR-G	1
MCP73831	MCP73831 Series Single-Cell Li-Ion/Li-Polymer Battery Charge Controller SOT-23-5	U5	SOT-23-5	MCP73831T-2ACI/OT	1
MAX17048G+	Fuel Gauge Li-Ion Serial I2C 4mA 0.4V 8-Pin TDFN-EP Cut Tape	U6	8-TDFN-EP (2x2)	MAX17048G+	1