Reference	Quantity	Value	Footprint
ANT_UHF1	1	ANTENNA-CONN-U-FL_3P_	SeeedOPL-Connector-2016:U-FL3P-SMD-2.6X2.6X1.0MM
BT1	1	Battery	Connectors_Molex:Molex_KK-6410-02_02x2.54mm_Straight
C10 C14	2	CERAMIC-1UF-25V-10%-X7R_0603_	SeeedOPL-Capacitor-2016:C0603
C12 C13	2	180pF	SeeedOPL-Capacitor-2016:C0603
C15 C16	2	DNP	SeeedOPL-Capacitor-2016:C0603
C11 C17	2	CERAMIC-10NF-50V-10%-X7R_0603_	SeeedOPL-Capacitor-2016:C0603
C19 C22	2	82pF	SeeedOPL-Capacitor-2016:C0402
C20 C21 C25	3	DNP	Capacitors_SMD:C_0603
C23 C24	2	150 pF	Capacitors_SMD:C_0603
C27 C28	2	CERAMIC-22UF-6.3V-20%-X5R_0805_	SeeedOPL-Capacitor-2016:C0805
C2 C3	2	CERAMIC-12PF-50V-5%-NPO_0603_	SeeedOPL-Capacitor-2016:C0603
C26 C4	2	CERAMIC-10UF-25V-10%-X5R_0805_	SeeedOPL-Capacitor-2016:C0805
C1 C18 C29 C5 C9	5	CERAMIC-100NF-50V-10%-X7R_0603_	SeeedOPL-Capacitor-2016:C0603
C6 C8	2	CERAMIC-10PF-50V-5%-NPO_0603_	SeeedOPL-Capacitor-2016:C0603
C7	1	CERAMIC-1NF-50V-10%-X7R_0603_	SeeedOPL-Capacitor-2016:C0603
D1	1	SFH 4646	Octanis3:MIDLED
D2	1	SMD-LED-CLEAR-GREEN_0603_	SeeedOPL-LED-2016:LED-0603
D3	1	SMD-LED-CLEAR-BLUE_0603_	SeeedOPL-LED-2016:LED-0603
FI1	1	NFM18PS105R0J3D	murata-filter:NFM18PS
JP1 JP2	2	JUMPER	Socket_Strips:Socket_Strip_Straight_1x02
L1	1	SMD-FERRITE-BEAD-2500R-50MA_0603_	SeeedOPL-Inductor-2016:L0603
L2 L5	2	742792042	Resistors_SMD:R_0805
L3 L4	2	560nH	Resistors_SMD:R_0805
L6	1	742792093	Resistors_SMD:R_0805
L7	1	XFL4020-102ME	Octanis3:XFL4020
P1	1	RX/TX	Socket_Strips:Socket_Strip_Straight_1x02
P2	1	TST/RST	Socket_Strips:Socket_Strip_Straight_1x02
P3	1	VDD/GND	Socket_Strips:Socket_Strip_Straight_1x02
P4	1	NFC_PWR_SEL	Socket_Strips:Socket_Strip_Straight_1x03
PB1	1	LIGHT_BARRIER1	Socket_Strips:Socket_Strip_Straight_1x02
PB2	1	LIGHT_BARRIER2	Socket_Strips:Socket_Strip_Straight_1x02
Q1 Q2	2	SFH 3605	Octanis3:MIDLED_phototransistor
R1	1	SMD-RES-220R-5%-1_10W_0603_	
R10 R13 R14 R18	4	SMD-RES-0R-5%-1_10W_0603_	SeeedOPL-Resistor-2016:R0603
R12 R15 R17 R2 R23 R28 R29 R3 R4 R9	10	DNP	Resistors_SMD:R_0603
R11 R16 R19 R20 R8	5	SMD-RES-3.3K-1%-1_10W_0603_	SeeedOPL-Resistor-2016:R0603
R21 R22	2	SMD-RES-330R-1%-1_10W_0603_	SeeedOPL-Resistor-2016:R0603
R24	1	SMD-RES-560K-5%-1_10W_0603_	SeeedOPL-Resistor-2016:R0603
R25	1	180k	Resistors_SMD:R_0603
R27	1	47K	SeeedOPL-Resistor-2016:R0603
R5 R6	2	SMD-RES-1K-5%-1_10W_0603_	SeeedOPL-Resistor-2016:R0603
R26 R30 R7	3	SMD-RES-10K-1%-1_10W_0603_	SeeedOPL-Resistor-2016:R0603
RV1 RV2	2	POT:2K	pot:3223G
SW1	1	SMD-BUTTON_2P-3.0X2.5X1.2+0.4MM_	SeeedOPL-Switch-2016:SW2-2.6-3.0X2.5X1.2+0.4MM
U1	1	MSP430FR5969	chips:S-PVQFN-N48
U2	1	ST95HF	Octanis3:VFQFPN32
U3	1	TPS630250RNC	Octanis3:RNC0014A
U4	1	RN2483	Octanis3:RN2483
Y1	1	Crystal	SeeedOPL-Crystal Oscillator-2016:X2-SMD-L2.0X1.2X0.55MM
Y2	1	ABM11-142-27.120MHz	Octanis3:Crystal_ABM11-142
ant1	1	NFC_antenna	Octanis3:NFC_ANTENNA_CIRC