

## baybit

Ref	Qty	Value	Cmp name	Footprint
ANT1,	1	PCB_Antenna_MIFA	Antenna_Shield	RF_Antenna:Texas_SWRA117D_2.4GHz_Left
BZ1,	1	G8503C	Buzzer	baybit:BUZZER_SMT_85X85X32
C2, C5, C8, C9, C11, C12, C14, C15, C17, C18,	10	100n	C	Capacitor_SMD:C_0402_1005Metric
C16,	1	220n	C	Capacitor_SMD:C_0402_1005Metric
C6,	1	4.7u	C	Capacitor_SMD:C_0603_1608Metric
C1, C4, C7, C10, C13,	5	10u	C	Capacitor_SMD:C_0603_1608Metric
C3,	1	100u	CP	Capacitor_Tantalum_SMD:CP_EIA-3528-21_Kemet-B
D1, D2,	2	BAT60A	D_Schottky	Diode_SMD:D_SOD-323
D3,	1	RED	LED	LED_SMD:LED_0603_1608Metric
D4,	1	ASMB-MTB1-0A3A2	ASMB-MTB1-0A3A2	LED_SMD:LED_Avago_PLCC4_3.2x2.8mm_CW
D5,	1	1N4148W-7-F	1N4148W	Diode_SMD:D_SOD-123
J1,	1	EXT_PWR DNI	Conn_01x02	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J2,	1	USB_B_Micro	USB_B_Micro	Connector_USB:USB_Micro-B_Molex-105017-0001
J3,	1	ER-TFT1.44-1	ER-TFT1.44-1	baybit:Hirose_FH12A-26S-0.5SH_1x26-1MP_P0.50mm_Horizontal
J4,	1	EXT_LED DNI	Conn_01x02	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J5,	1	U_FL DNI	Conn_Coaxial	Connector_Coaxial:U.FL_Hirose_U.FL-R-SMT-1_Vertical
J6,	1	MIKROBUS_HOST_CONN 8+8P	MIKROBUS_HOST_CONN	baybit:MIKROBUS_HOST_CONN
Q1,	1	BSD235C	BSD235C	Package_TO_SOT_SMD:SOT-363_SC-70-6
Q2,	1	BC847BS	BC847BS	Package_TO_SOT_SMD:SOT-363_SC-70-6
Q3,	1	BC848	BC848	Package_TO_SOT_SMD:SOT-23
R20, R27, R28, R29, R30,	5	0 DNI	R	Resistor_SMD:R_0402_1005Metric
R19,	1	0	R	Resistor_SMD:R_0402_1005Metric
R1, R10,	2	100	R	Resistor_SMD:R_0603_1608Metric
R5, R6, R26,	3	1k	R	Resistor_SMD:R_0402_1005Metric
R7,	1	33	R	Resistor_SMD:R_0402_1005Metric
R2, R8, R9, R11, R12, R13, R14, R15, R16, R17, R18, R21, R22, R23, R24, R25, R31, R32, R33, R34,	20	10k	R	Resistor_SMD:R_0402_1005Metric
R3,	1	22.1k	R	Resistor_SMD:R_0402_1005Metric
R4,	1	47.5k	R	Resistor_SMD:R_0402_1005Metric
RN1, RN2,	2	10k	R_Pack04	Resistor_SMD:R_Array_Convex_4x0603
SW1,	1	B3U-1000P	SW_Push	Button_Switch_SMD:SW_SPST_B3U-1000P
SW2,	1	ALPS_SKRH	ALPS_SKRH	baybit:ALPS_SKRH
SW3, SW4,	2	RS282G05A3	SW_Push	Button_Switch_SMD:SW_SPST_CK_RS282G05A3
U1,	1	TPD2EUSB30A	TPD2EUSB30A	Package_TO_SOT_SMD:Texas_DRT-3
U2,	1	CP2102N-Axx-GQFN28	CP2102N-A01-GQFN28	Package_DFN_QFN:QFN-28-1EP_5x5mm_P0.5mm_EP3.35x3.35mm
U3,	1	XC6220B331MR	XC6220B331MR	Package_TO_SOT_SMD:SOT-23-5
U4,	1	WS2811	WS2811	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm
U5,	1	LSM303AGR	LSM303AGR	Package_LGA:LGA-12_2x2mm_P0.5mm
U6,	1	ESP32-PICO-D4	ESP32-PICO-D4	Package_DFN_QFN:QFN-48-1EP_7x7mm_P0.5mm_EP5.3x5.3mm
U7,	1	PCF8574-SO16	PCF8574	Package_SO:SOIC-16W_7.5x10.3mm_P1.27mm
U8,	1	TSC2007IPW	TSC2007IPW	Package_SO:TSSOP-16_4.4x5mm_P0.65mm