

Reference	Footprint	Qty	Value	Vendor Main
C1,C2	C_0805	2	12pF	
C17	C_0805	1	2.2uF	
C3,C4,C7,C10,C12,C:	C_0805	16	100nF	
C5,C6	C_0805	2	2u2	
C8,C9,C11,C19,C21	C_0805	5	1uF	
R1,R7,R10	R_0805	3	10K	
R12	R_0805	1	12K	
R13	R_0805	1	22K	
R14	R_0805	1	100	
R2,R3,R15	R_0805	3	150	
R4	R_0805	1	390K	
R5,R6	R_0805	2	3.9K	
R8	R_0805	1	1.5K	
R9,R11	R_0805	2	22	
F1	R_0805	1	Polyfuse	
D2,D3,D4,D7	D_SOD-123	4	D_Schottky	
D1	LED_0805	1	YELLOW	
D5	LED_0805	1	RED	
D6	LED_0805	1	LED	
Y1	Crystal_SMD_ABM3B-4pin_5.0x3.2mm	1	Crystal_GND24	
U1	LQFP-64_10x10mm_Pitch0.5mm	1	STM32F405RGTx	
U2	SOT23-3	1	MCP1703A-3302E/CB	
U3	DFN-8-1EP_2x3mm_Pitch0.5mm	1	ATECC608A	
U4	DFN-8-1EP_2x3mm_Pitch0.5mm	1	ATAES132A	
U5	ChipLED-6_2x2mm	1	LTR-303ALS-01	
U6	LGA-12_2x2mm_P0.5mm	1	BMA280	
Q1	SOT-23	1	MOSFET	
TP1	Pin_Header_Angled_1x01_Pitch2.54mm	1	GLITCH	
JP1	Pin_Header_Angled_1x02_Pitch2.54mm	1	Jumper	
J8	Pin_Header_Straight_1x14_Pitch2.54mm	1	CONN_SOUTH	
J1,J10	Pin_Header_Straight_1x20_Pitch2.54mm	2	CONN_EASTWEST	
J7	Socket_Strip_Straight_1x07_Pitch2.54m	1	CONN_OLED	
J9	Tag-Connect_TC2050-IDC-NL	1	CONN_JTAG	
J5	USB_C_Receptacle_Amphenol_1240161	1	USB_C_Receptacle	
J3	JST_PH_B2B-PH-K_02x2.00mm_Straigh	1	CONN_01X02	
J13	microSD_Card_Receptacle_Hirose_DM3	1	DM3AT-SF-PEJM5	
SW1,SW2	SW_SPST_PTS645	2	SW_SPST	
BT1	Keystone_1058_1x2032-CoinCell	1	1058	