











Description	Designator	Footprint	Quantity	Price	Part Number
Pressure sensor	BMP1	BMP280	1	0.8	828-1064-1-ND - BMP 280
C0603_0.1uF_50V	C1, C2, C4	C0603-FFT	3	0.005	CC0603KRX7R9BB104
C0603_1uF_25V	C3, C5	C0603-FFT	2	0.01	CL10A105KB8NNNC
Inductor	L1	L0603	1	0.2	222
LED 0603 chip	LED1, LED2, LED3, LED5	LED0603	4	0.01	19-213/Y2C-CQ2R2L/3T(CY)
LED	LED4	CREE XPL	1	2	XPL
Header 3x1-PIN, 2.54mm	P1	HDR1x3	1	0.1	DS1021-1*3SF1-1
Connector 5p hor 1mm	port1	JST 5pin 1mm	1	0.30	SM05B-SRSS-TB
TrimPot SMD	Pot1	TrimPot - TC33X-2-101G	1	0.07	TC33X-10K
SMD resistor	R1, R2, R3, R8	R0603-FFT	4	0.002	0603WAF4300T5E
SMD resistor	R4	R0603-FFT	1	0.002	0603WAF3003T5E
SMD resistor	R5	R0603-FFT	1	0.002	0603WAF1002T5E
SMD resistor	R6, R7	R0603-FFT	2	0.01	SMD0603-4K7-1%
Switch Tactile	SW1	Switch Tactile SKRPACE010	1	0.07	SKRPACE010
Switch Tactile	SW2	Switch Tactile TS-1088C	1	0.07	TS-1088C-02526
Module BLE	U1	LGA-24-fft	1	4	HJ-185IMH_SPPv2
MCU	U2	32-pin QFP 10mm	1	1.3	ATmega 328p-AU
LED Driver 10-200mA	U3	SC74	1	0.1	BCR421UE6327
LDO 3.3V 300mA	U4	SOT23-3	1	0.08	MIC5209
Connector 3p hor 1mm	X2	JST 3pin 1mm	1	0.30	SM05B-SRSS-TB
Ceramic Resonator 8Mhz	Y1	OSC_CSTCE16M0V53-R0	1	0.37	CSTCE8M0V53-R0_1