Line	Qty	Front Side	Back Side	Type	Description	Space for the Part
1	5	C1, C2, C3, C4, C5		Capacitor	0805 100nF 100V X7R ±10%	
2	1	C6		Capacitor	0805 220nF 50V X7R ±10%	
3	1	C7		Capacitor	0805 1uF 50V X7R ±10%	
4	2	R1, R2		Resistor	0805 100Ω ±1%	
5	3	R4, R5, R7		Resistor	0805 510Ω ±1%	
6	1	R6		Resistor	0805 1kΩ ±1%	
7	4	R3, R8, R9, R10		Resistor	0805 10kΩ ±1%	
8	1	LED1		LED	0805 LED Green	
9	1	LED2		LED	0805 LED Red	
10	1	LED3		LED	0805 LED IR (940 nm) Everlight IR17-21C/TR8 Kingbright APTD2012F3C	
11	1	D1		Photodiode	0805 950nm VEMD6110X01	
12	1	Q1		Transistor	NPN 40V 0.6A SOT23 MMBT2222A	
13	1	U6		Logic IC	SOT-553 Buffer SN74LVC1G125DRLR	
14	1	U5		Phototransistor	Photo Sensor 630nm PT19 315C L177 TR8	
15	10	RGB1 to RGB10		LED, Addressable	SK6805-EC15 BTF6805RGB-1515	
16	1	U1		Accelerometer	LGA-16 I2C/SPI 16LGA STM LIS3DHTR	
17	1	U2		Amplifier	MSOP-8 Class D Mono 3W - PAM8304ASR	
18	1	U3		Flash Memory	SOP-8 2MB SPI Flash GD25Q16CSIGR	
19	1	U4		IR Decoder	QFN 38KHz Remote Vishay VSOP38338	
20	1	U7		Temp/Humidity	8-DFN Sensor SHT30-DIS-B10KS	
21	1	MIC1		Microphone	MEMS PDM - Infineon IM69D130V01XTSA1	
22	2	SW1, SW2		Switch, Tactile	6.5 x 6.5mm SMD EVQ-Q2K03W	
23	1	SW3		Switch, Slide	3.5 x 7.2mm DPDT AYZ0202AGRLC	
24	1	SW5		Switch, Tactile	4.2 x 3.2 mm SMD PTS810SJS250SMTRLFS	
25	1	BUZZER1		Speaker	7.5 x 7.5mm Buzzer CMT-7525-80-SMT-TR	
26	2	H1, H4		Header	1x8 2.54 Pitch Header Connector	
27	1	H2		Header	1x6 2.54 Pitch Header Connector	
28	1	H3		Header	1x10 2.54 Pitch Header Connector	