

Comment	Description	Designator	Footprint	LibRef	Quantity	VALUE
0005	<u> </u>	D1, D2, D3, D4, D5,	·	LED Deal OMD	,	
0805	LED Red SMD	D6, D7, D8, D9	LED0805RED	LED Red SMD	9	
Buzzer	Buzzer	B1	Buzzer	Buzzer	1	
C1815	BJT C1815 Trans NPN 50V 150mA TO-92	Q1, Q2, Q3	29C1815-HF	BJT2SC1815	3	
OH224K	CH224K USB PD Decoy, USB Power Delivery Decoy	U2	ESOP-10 CHAY	CH224K	1	
GA12 N20 Motor	GA12 N20 Metal Gear Motor	M1, M2	Motor GA-12 Type3, Motor GA-12 Type2	GA12 N20 Motor	2	
JP4	JP4	J2	JP_4PIN	JP4	1	
L9110S	L9110	U3, U5	SOIC-8	L9110	2	
LED7SID		L1	LED7S1D0.28"	LED7S1D	1	
MPU6050	MPU6050 Module	U4	MPU-6050	MPU6050	1	
RPR220		U10, U15	RPR220	RPR220	2	
SK-22D07	SW SK-22D07 Công Tắc Trượt 6 Chân Xuyên Lỗ ON-ON 2P2T 1A	9//1	SK-22D07	SW SK-22D07	1	
STM32F103C8T6	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray	и	STM-LQFP48_N	STM32F103C8T6AB	1	
TCRT5000	TCRT5000 Cảm Biến Hồng Ngoại Phản Xạ	U6, U7, U8, U9, U11, U12, U13, U14	TORT5000	TORT5000	8	
TYPE-C-31-M-12	USB Type C Connector Horizontal SMT	N	TYPE-C-31-M-12	TYPE-C-31-M-12	1	
0805	RESSMD	R1, R3, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R24	R0805	RESSMD	13	1K
0805	CAP SMD	C9, C10	cap_0805	CAP SMD		1uF
0805	RESSMD	R25, R26	R0805	RESSMD		1.2K
0805	RESSMD	R17	R0805	RESSMD	1	6.8K
0805	RESSWID	R2, R4, R18, R19, R20, R21, R22, R23, R27, R28, R29, R31, R33, R35, R37, R39, R40, R41, R43, R45, R47, R49	R0805	RESSMID	22	10K
1206	CAP SMD	C1, C3, C5, C7, C17	cap_1206	CAP SMD	5	10uF
0805	CAP SMD	C2, C4, C6, C8, C11, C12, C13, C14, C15, C16, C18, C19, C20, C21, C22	cap_0805	CAP SMID	15	100nF
0805	RESSMD	R30, R32, R34, R36, R38, R42, R44, R46, R48, R50	R0805	RESSMD	10	150R
HHDR_2	XH2 JST-XH pitch: 2.5mm	XH1	XH_2	XH_2	1	HHDR_2
AMS1117-3.3V	LDO 1117 Available in 1.8V, 2.5V, 2.85V, 3.3V, 5V, and Adjustable Versions	IC2	SOT223	LDO 1117	1	LM317
AMS1117-5V	LDO 1117 Available in 1.8V, 2.5V, 2.85V, 3.3V, 5V, and Adjustable Versions	ICI	SOT223	LDO 1117	1	LM317
SW	Switch button 2 pin	SW2, SW3, SW4	SW-SMD	SW2	3	SWchip 2 pin