





Comment	Description	Designator	Footprint	LibRef	Quantity
JACKDC 5.5	JACKDC 5.5	5V	JACKDC 5.5	JACKDC 5.5	1
Nut Nhan 2 Chan SMD 3x6x2.5	Nut Nhan 2 Chan SMD 3x6x2.5	BT1, BT2, BT3	Nut Nhan 2 Chan SMD 3x6x2.5	Nut Nhan 2 Chan SMD 3x6x2.5	3
104	Dán	C1, C2, C3, C4, C6, C8, C9, C10, C11, C12, C13, C15, C16	tu 1206	Tu 1206 104 50V 20%	13
106	Dán	C5, C7, C14	tu 1206	Tu 1206 106 16V 20%	3
Header	Cắm	FLOW	XH2.54M-3	Header 3P 2.54 Duc Thang	1
LED 0805	Dán	L1, L2	LED-1206-Red	LED 1206 Do	2
LED 0805	Dán	L3	LED-1206-Yellow	LED 1206 Vang	1
LED 0805	Dán	L4	LED-1206-Blue	LED 1206 Xanh Duong	1
LED 0805	Dán	L5	LED-1206-Green	LED 1206 Xanh La	1
Header 4P	Cắm	LCD, SHT3x, ST	XH2.54M-4	Header 4P 2.54 Duc Thang	3
Ra-02	Lora sx1278	LORA	Sx1278	Ra-02	1
10k	Dán	R1, R4, R8, R9	tro smd 1206	Tro 1206 1% 10k	4
220R	Dán	R2	tro smd 1206	Tro 1206 1% 220R	1
390R	Dán	R3, R5, R6, R7	Tro smd 1206	Tro 1206 5% 390R	4
Header 3P	Cắm	SAL, TEMP_W	XH2.54M-3	Header 3P 2.54 Duc Thang	2
SIMA7680C		SIM	SIMA7680C	SIMA7680C	1
LM1117-3.3V	800mA Low-Dropout Linear Regulator	U1	SOT223	LM1117	1
STM32F103C8T6	ARM®Cortex®M3 STM32F1 Microcontroller IC 32-Bit 72MHz 64KB (64Kx 8) FLASH 48-LQFP (7x7)	U2	LQFP-48_19.6_393_58X11_SMD	IC_STM32F103C8T6	1
Header 2P	Cắm	UART2	XH2.54M-2	Header 2P 2.54 Duc Thang	1
Crystal_8MHz	8MHz	X1	XTAL_8MHz	Crystal_8MHz	1