

Comment	Description	Designator	Footprint	LibRef	Quantity
IC?	LMUN2233LT1	?	SOT23_LMUN2233_tras	IC?	2
18650	De Pin 18650 x2	BT?	DE PIN 18650 X2	De Pin 18650 x2	2
BT		BT?	SW4	BUTTON	2
CR1220 SMD	CR1220 SMD	BT?	DE PIN CR1220	De pin CR1220 SMD	2
22pF	Dán	C?	tu 0805	Tu 0805 22pF 50V 10%	4
104	Dán	C?	tu 1206	Tu 1206 104 50V 20%	16
104	Cắm	C?	tu gom	Tu gom 104 50V	2
106	Dán	C?	tu 1206	Tu 1206 106 16V 20%	8
220uF	Cắm	C?	tu hoa 6.5mm	Tu Hoa 220uF 16V 7x11	2
330uF	Cắm	C?	tu hoa 10mm	Tu Hoa 330uF 35V 10x12	2
1n5824	Cắm	D?	DIODE 1A	Diode 1N4007	2
3.3V	Dán	D?	DIODE ZENNER SMD SOD80	Diode Zener 3.3V	2
9.1V	Dán	D?	DIODE ZENNER SMD SOD80	Diode Zener 9.1V	2
AT24C01A	Cắm	IC?	DIP8	AT24C01 DIP8 EEPROM	2
JP 1x3 2.54	Cắm	JP?	JP 1x3 CT	JP 1x3 2.54 Cai Thang	2
JP 1x3 2.54	Cắm	JP?	JP 1x3 DC	JP 1x3 2.54 Duc Cong	2
JP 1x4 2.54	Cắm	JP?	JP 1x4 CT	JP 1x4 2.54 Cai Thang	2
JP 1x4 2.54	Cắm	JP?	JP 1x4 DC	JP 1x4 2.54 Duc Cong	2
JP 1x7 2.54	Cắm	JP?	JP 1x7 CT	JP 1x7 2.54 Cai Thang	2
33uH	Dán	L?	Cuon Cam 12x12x10	CUON CAM 100uH SMD	2
LED 0805	Dán	L?	LED-0805-Red	LED 0805 Do	2
LED 0805	Dán	L?	LED-0805-Yellow	LED 0805 Vang	2
IC?		LM?	SOT23_LM321	IC?	2
IC?		P_mosfet AO?	SOIC8_AO4411	IC?	2
1k	Dán	R?	tro smd 0805	Tro 0805 5% 1k	2
1M	Dán	R?	tro smd 0805	Tro 0805 1% 1M	2
4.7k	Dán	R?	tro smd 0805	Tro 0805 5% 4.7k	6
5.1k	Dán	R?	tro smd 0805	Tro 0805 5% 12k	2
8.2k	Dán	R?	tro smd 0805	Tro 0805 5% 8.2k	2
9.1k	Dán	R?	tro smd 0805	Tro 0805 5% 12k	2
13k	Dán	R?	tro smd 0805	Tro 0805 5% 12k	4
100k	Dán	R?	tro smd 0805	Tro 0805 5% 100k	2
220R	Dán	R?	tro smd 0805	Tro 0805 5% 220R, Tro 0805 1% 0.5R	4
DS3231 SMD	SOIC	U?	SOIC 16	DS3231 SMD	2
LM1117-3.3V	800mA Low-Dropout Linear Regulator	U?	LM1117-SOP	LM1117	2
LM2596SX-5.0NOPB	No Description Available	U?	KTT0005B	LM2596SX-5.0NOPB	2
STM32F103xx_LQFP48		U?	STM32_LQFP48	STM32F103xx_LQFP48	2
8Mhz	Crystal For all Crystal 2pin.	Y?	Thach Anh 2 chan cam	Thach Anh 2 chan Cam	2