

NGUON 5V-3A 3.3V-1A

KHỐI MPU6050

KHỎI THẠCH ANH

KHỐI MCU STM32F103C8T6

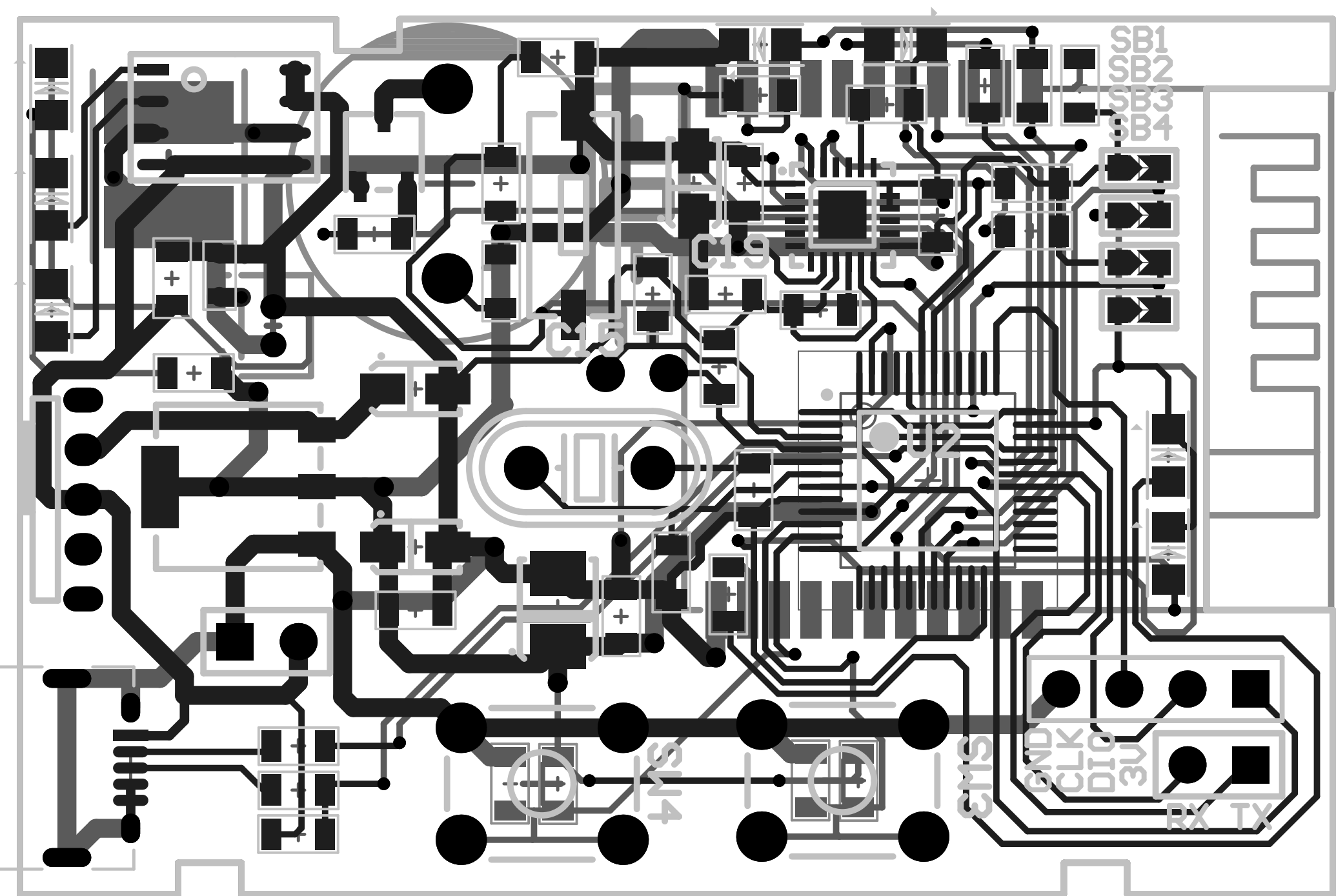
KHỎI ZIGBEE

KHỎI KẾT NỐI

KHỎI BUZZ

KHỎI BOOT

KHỐI NỐT NHẤN VÀ LED



SB1
SB2
SB3
SB4

C19

C15

U2

C24

C12

GND
CLK
D10
3V

RX TX

Comment	Description	Designator	Footprint	LibRef	Quantity
Buzz		BZ1	BUZZER_12mmx9mm	BUZZER	1
10uF		C1	RES0603	CAP	1
22uF		C2	RES0805	CAP	1
220uF		C3	CAP_T_3216-18_CASE-A	CAP_E	1
220uF		C4	CAP_T_3216-12_CASE-S	CAP_E	1
104		C5, C19, C20, C22, C23, C24	RES0805	CAP	6
10nF		C6	RES0805	CAP	1
100nF		C7	RES0805	CAP	1
100uF		C8	CAP_T_3216-12_CASE-S	CAP_E	1
2.2nF		C9	RES0805	CAP	1
0.1uF		C10	RES0805	CAP	1
20pF		C11, C12	RES0805	CAP	2
10pF		C15, C16	RES0805	CAP	2
22uF		C18	CAP_T_3528-21_CASE-B	CAP_E	1
LED		D1, D2	LED_SMD_0805	LED	2
LED-RED		D3, D4, D5, D6, D7	LED_SMD_0805	LED	5
PIN		H1	HEADER_2_1	H2	1
PW		J1	J_2	J2	1
USB_IN	5PIN	J2	MicroUSB MK5P ZX62D-B-5PA8	USB Micro 5pin	1
USART_1		J3	J_2	J2	1
HOLD		J4, J5, J6, J7	J1_1	J1	4
4.7uH	Magnetic-Core Inductor	L1	IND_CD54	Inductor Iron	1
X-SDA		P1	PAD_2MM	PAD_1	1
X-SCL		P2	PAD_2MM	PAD_1	1
SWD	Header, 4-Pin	P3	HDR1X4	Header 4	1
C1815	TRAN_NGUOC	Q1	SOT_23_TO236_TRAN_E CB	NPN	1
100k		R1, R7, R11, R12, R13	RES0805	RES	5
150		R2, R10, R16	RES0805	RES	3
4.7k		R3, R4	RES0805	RES	2
22R		R5, R6	RES0805	RES	2
120		R8	RES0805	RES	1
220		R9, R15	RES0805	RES	2
102		R14	RES0805	RES	1
Open	Circuit Breaker	SB1, SB2, SB3, SB4	SB_0603	Circuit Breaker	4
SW_5Pin		SW1	Switch5pin	SW_5Pin	1
SW_2		SW2	SW_2pin_SMD	SW_2PIN	1
SW1		SW3	SW_4PIN_6x6x5	SW_4PIN	1
SW2		SW4	SW_4PIN_6x6x5	SW_4PIN	1
HT4928S		U1	SOP8	HT4928S	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	U2	LQFP48_N	STM32F103C8T6	1
Zigbee_SMD	Zigbee_SMD	U3	Zigbee_SMD	Zigbee_SMD	1
AMS1117CD-3.3V	AMS1117 IN<12V	U4	SOT_223	AMS1117	1
MPU6050	I2C 6-axis accelerometer_gyroscope	U5	QFN_24(4x4x0.9)	MPU6050	1
12MHz	X 12MHz	X1	OSC_2pin 200ml	OSC	1
32kHz	X 12MHz	X2	OSC_3x8mm	OSC	1