





Comment	Description	Designator	Footprint	LibRef	Quantity
104	贴片电容	C1, C2, C4, C5, C6, C7, C8, C9, C10, C11, C18, C20, C22	C0805_L	C	13
106	贴片电容	C3, C19, C21	C0805_L	C	3
22pF	贴片电容	C12, C14	C0805_L	C	2
2.2uF	贴片电容	C13, C15	C0805_L	C	2
12pF	贴片电容	C16, C17	C0805_L	C	2
LED	发光二极管	LED1, LED2	LED 5MM-W	LED	2
JP7	Header, 4-Pin, Dual row	P1	HDR2X4	Header 4X2	1
JP4	Header, 20-Pin, Dual row	P2	HDR2X20	Header 20X2	1
JP5	Header, 20-Pin, Dual row	P3	HDR2X20	Header 20X2	1
JP2	Header, 10-Pin	P4	HDR1X10	Header 10	1
JP1	Header, 4-Pin	P5	HDR1X4	Header 4	1
JP3	Header, 4-Pin	P6	HDR1X4	Header 4	1
JP6	Header, 4-Pin	P7	HDR1X4	Header 4	1
0R	贴片电阻	R1, R3	R0805_L	R	2
10K	贴片电阻	R2, R4, R7	R0805_L	R	3
510R	贴片电阻	R5, R6	R0805_L	R	2
1K	贴片电阻	R8	R0805_L	R	1
3x6x5	微动开关	SW1	SW SMD-3*6*2.5	SW-PB	1
STM32F407VET6	ARM Cortex-M4 32b MCU+FPU, 210DMIP, 512 kB Flash, 192+4 kB RAM, Camera, 82 I/Os, 100-pin LQFP, -40 to +85癸, Tray	U1	LQFP100_V	STM32F407VET6	1
USB-5P	微型USB母座	USB1	USB-MICRO_A	USB-5P	1
AMS1117-3V3	三端稳压芯片	V1	SOT89_L	AMS1117_SOT89	1
8MHz	2脚无源脚晶振	X1	OSC 455E-LI	XTAL-2P	1
32.768K	2脚无源脚晶振	X2	OSC 6035-2P	XTAL-2P	1