





Comment	Description	Designator	Footprint	LibRef	Quantity
NC	无极性电容	C1, C3, C31, C32, C33,	CAPC_0603_2	С	6
20pF	无极性电容	C34 C13, C14	CAPC_0603_2	С	2
100nF	无极性电容	C14, C15, C17, C17, C18, C19, C20, C21, C22, C23, C24, C24, C25, C25, C27, C28, C29, C30	CAPC_0603_2	С	18
10uF/6.3v	无极性电容	C15, C18, C23, C26, C26, C28, C29	CAPC_0603_2	С	7
47uF/25V		C27	CAPE_D	С	1
LED绿	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10	LED_0805_G	LED2	10
SMA-KE	SMB Straight Connector	J1, J2, J3	SMARA	SMB	3
K2-1102SP-E4SC-04	Commedia	K1, K2, K3, K4	SW_PB_SMD_6X6	KEY_M	4
BUTTON		K5	KFT DIP-8X8	BUTTON	1
MPL2012S1R0MHT	Inductor footprint4026	L1, L2, L3	Inductor_0805	Inductor	3
DEBUG	Header, 5-Pin	P1	Header 2.54X5	Header 5	1
WJ128V-5.0-2P	Header, 2-Pin, Right	P2, P5	KF128_2P	Header 2H	2
USB-B	Angle	P3	USB Micro DIP41	USB5	1
2.54*3	Header, 3-Pin, Right	P4	Header 2.54X3	Header 3H	1
Header 2H	Angle Header, 2-Pin, Right	P6, P7, P8, P9	Header 2.54X2	Header 2H	4
	Angle				
Header 6	Header, 6-Pin	P10	Header 2.54X6	Header 6	1
OR	Resistor, Resistor,	R1, R56, R57	RESC_0603_2	R	3
22R	Resistor, Resistor, [NoValue], Resistor, Resistor, Resistor,	R2, R3, R4, R5, R19, R20, R20, R21, R22, R23, R24, R32, R34, R35, R35, R36, R36, R37, R37, R38, R39, R40, R41, R42, R43, R44, R52, R53, R54, R55	RESC_0603_2	R	30
10k	Resistor, Resistor, Resistor, [NoValue], [NoValue], [NoValue], Resistor	R19, R21, R23, R26, R30, R31, R45	RESC_0603_2	R	7
120R	Resistor	R22	RESC_0603_2	R	1
4K7	Resistor	R24, R27, R29	RESC_0603_2	R	3
1M		R25	RESC_0603_2	R	1
100R	Resistor	R33, R34	RESC_0603_2	R	2
1k		R38, R39, R40, R52, R53, R54, R55, R56, R59, R61	RESC_0603_2	R	10
ET001、ET003		U2, U7	ET001	SX_1278/1268/1280	2
STM32F103R8T6	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 51 I/Os, 64-pin LQFP, -40 to 85 degC, Tray	U3	STM-LQFP64_N	STM32F103R8T6	1
TP8485E-SR		U4	SOIC_8	SP485	1
AMS1117-3.3		U5	SOT223_3	AMS1117	1
ET003_SX1268/1280MC U		U6	ET001/3_MCU	ET001/3_MCU	1
tmp75AIDR		U6	SOIC_8	tmp75AIDR	1
12MHz		Y1	xt3225	XTAL-WY	1