



P2

Comment	Description	Designator	Footprint	LibRef	Quantity
103	电容	C1, C7	C0402	C0603	2
47uF/3216	极性电容	C2, C3, C4, C5	C3216	C Pol	4
104	电容, 电容, Capacitor, Capacitor, Capacitor	C6, C12, C26, C53, C68	C0402	C0603, C0603, Cap, Cap, Cap	5
47UF	电容	C8, C11	C0402	C0603	2
104	电容	C9, C10	C0805	C0603	2
10NF	电容, 电容, 电容, Capacitor, [NoValue], [NoValue], [NoValue]	C13, C17, C23, C27, C202, C203, C204	C0402	C0402, C0402, C0402, Cap, 0.1u, 0.1u, 0.1u	7
33NF/10V/0402	电容	C14	C0402	C0402	1
10NF/10V/0402	电容	C15	C0402	C0402	1
33NF	电容, 电容, [NoValue]	C16, C19, C201	C0402	C0402, C0402, 0.1u	3
390NF	电容	C18	C0402	C0402	1
47UF	电容, 电容, 无极性电容	C20, C21, C205	C0805	C0402, C0402, Cap8	3
3.3NF	电容	C22	C0402	C0402	1
0.1uF	Capacitor	C24, C25, C28, C29	C0402	Cap	4
33PF_5%_50V_COG	Capacitor	C30	C0402	Cap	1
33PF_5%_50V_COG	Capacitor	C31, C33	C0402	Cap	2
1UF5%_50v_COG	Capacitor	C32	C0402	Cap	1
22uF	无极性电容	C206	C0805	Cap8	1
DF2B7AFS/SOD-923		D1	DF2B7AFS	DF2B7AFS,L3M	1
LED1	Typical RED GaAs LED	D10	LED-1	LED1	1
60Ω ±25% @100MHz/0402	磁珠	FB1, WF1	60Ω ±25% @100MHz	L-Beads	2
CES2301	P-Channel MOSFET	M1	CES2301	MOSFET-P	1
Header 4H	Header, 4-Pin, Right Angle	P2	p2	Header 4H	1
Header 4H	Header, 4-Pin, Right Angle	P5	IO	Header 4H	1
S8050	8050/BCW846/BCW847	Q1, Q2	CES2301	NPN	2
0805	8050/BCW846/BCW847	Q3	CES2301	NPN	1
PDTC114YE		Q6, Q7	CES2301	PDTC114YE	2
51R	电阻	R1, R2	R0402	RES0402	2
100k	电阻, 电阻, 电阻, 电阻, 电阻, 电阻, Resistor, Resistor, Resistor	R3, R7, R8, R13, R14, R15, R23, R29, R30, R32	R0402	RES0402, RES0402, RES0402, RES0402, RES0402, Res2, Res2, Res2	10
10K	电阻, 电阻, Resistor, 电阻, 电阻, R0402贴片电阻, 电阻, [NoValue], R0402贴片电阻, R0402贴片电阻	R4, R5, R11, R17, R31, R68, R122, R203, R204, R205	R0402	RES0402, RES0402, Res2, RES0402, RES0402, Res4, RES0402, 100K, Res4, Res4	10
NP	电阻, Resistor, Resistor	R6, R36, R37	R0402	RES0402, Res2, Res2	3
47k	电阻	R9	R0402	RES0402	1
51K	电阻	R10	R0402	RES0402	1
4.7k	Resistor, R0402贴片电阻	R12, R208	R0402	Res2, Res4	2
0R	电阻, 电阻, R0402贴片电阻	R16, R24, R102	R0402	RES0402, RES0402, Res4	3
7.5M/0402	电阻	R18	R0402	RES0402	1
200K	电阻	R19	R0402	RES0402	1
220K	电阻	R20	R0402	RES0402	1
470K	电阻	R21	R0402	RES0402	1
620K	电阻	R22	R0402	RES0402	1
7.5M	电阻	R25	R0402	RES0402	1
1k	电阻, R0402贴片电阻, Resistor	R26, R209, RL1	R0402	RES0402, Res4, Res2	3
330R	R0402贴片电阻	R38, R48, R78	R0402	Res4	3
20M		R201, R202	R0402	7.5M, 1k	2
22R	R0402贴片电阻	R206, R207	R0402	Res4	2
M2M SIM		SIM-C	M2M SIM	SIM-CARD-1.5H	1
MIC29302WU/ TO-263-5	MIC29302WU/5-Pin TO-263	U1	MIC29302WU	MIC29150	1
XC6504A331MR-G/SOT-25		U2	XC6504A331MR	XC6504-1.5	1
XC6504A151MR-G/SOT-25		U3	XC6504A331MR	XC6504-1.5	1
SGM8634XTS14/TR/ TSSOP-14	SGM8634XTS14/TR TSSOP-14	U4	SGM8634XTS14	SGM8634	1
EC20		U5	EC20	EC20_Y Y	1
stm32f303c8t6/ LQFP-48, 7x7x0.5P		U6	LQFP-48	STM32F103	1
TXS0102DCUR/ VSSOP-8		U10	TXS0102DCUR	TXS0102DCUR	1
ESP-12F	8266	U20	ESP-12F	ESP-12F	1
LM358H-SR/ SOP-8		U20A, U20B	LM358H-SR	LM393M	2
USB-B(Mini)		USB	USB-B(Mini)	USB5	1
3310472280/SMD		Y11	Y11	UFL-R-SMT-1_0	1