





Comment	Description	Designator	Footprint	LibRef	Quantity
104	无极性电容	C1, C3, C4, C6, C7, C8, C9, C10, C14	0805C	CAP	9
30p	无极性电容	C2, C5	0805C	CAP	2
105	无极性电容	C11, C12, C13	0805C	CAP	3
100nF	无极性电容	C15, C20, C21, C22, C27, C28	0805C	CAP	6
22uF	无极性电容	C16, C17, C18, C23, C24, C26	1206C	CAP	6
10uF	无极性电容	C19, C25	1206C	CAP	2
1nF	无极性电容	C29, C30	0805C	CAP	2
1N5822	稳压二极管	D1	SMA/DO -214AC	DIODE_ZENER	1
LED		D2, D4, D5, D6, D7, D9	LED-0805R	LED	6
1N5824	稳压二极管	D3	SMA/DO -214AC	DIODE_ZENER	1
28V	稳压二极管	D8, D10	SMA/DO -214AC	DIODE_ZENER	2
100uF	贴片电解电容	EC1, EC3	SMD-EC6.3X6.3X10	SMD_ECAP	2
220uF	贴片电解电容	EC2, EC4, EC6, EC7, EC8, EC10	SMD-EC8X8X10	SMD_ECAP	6
680uF	贴片电解电容	EC5	DIP-EC10X17	SMD_ECAP	1
220uF	贴片电解电容	EC9, EC11	SMD-EC10X10X10	SMD_ECAP	2
FUSE		F1, F2	FUSE-1812	FUSE	2
Pin HDR1X8		J1, J2, J3, J14	Pin HDR1X8/2.54mm-S	Pin HDR1X8	4
Pin HDR1X3		J4, J9, J10	Pin HDR1X3/2.54mm-S	Pin HDR1X3	3
IDC-40P		J5	IDC2.54-40P	IDC-40P	1
Pin HDR1X20		J6, J7	Pin HDR1X20/2.54mm-S	Pin HDR1X20	2
Pin HDR2X3		J8	Pin HDR2X3/2.54mm-S	Pin HDR2X3	1
1364372-1	USB 1.1, Right Angle, Thru-Hole, A Type, Receptacle, 4 Position, Black	J11, J12	440068	1364372-1	2
XT60-Connector	对于母头, +-对调	J13	TX60PW-M20	Component_1	1
KEY		K1, K2	SMD-3X6X4.3	KEY	2
33uH	INDUCTOR	L1, L3	CDRH74	INDUCTOR	2
20uH	INDUCTOR	L2	CDRH74	INDUCTOR	1
22uH	INDUCTOR	L4	CDRH127	INDUCTOR	1
22uH	INDUCTOR	L5	CDRH129	INDUCTOR	1
Audio_Signal		PHONE1	PHONE_ST	PHONE_M	1
10K		R1, R4, R5, R9, R10	0805R	RES	5
3296W-1-504LF 50K	RES TRIMMER 50K OHM 0.5W PC PIN TOP	R2	Bourns_3296W_MFG	3296W-1-504LF	1
1.21K		R3	0805R	RES	1
1M		R6	0805R	RES	1
510R		R7, R8, R11, R13	0805R	RES	4
15K		R12, R14	0805R	RES	2
0R		R15, R26	0805R	RES	2
0.02ohm		R16, R20	1206R	RES	2
4.7k		R17, R21	0805R	RES	2
3.3K		R18, R22	0805R	RES	2
75K		R19, R23	0805R	RES	2
2R		R24, R25	0805R	RES	2
SW2-DIP4		S1	DIP-Switch2	SW2-DIP4	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	U1	STM-LQFP48_N	STM32F103C8T6	1
LM2596DSADJG	IC REG MULT CONFG ADJ 3A D2PAK-5	U2	ON_Semiconductor_936A-02_MFG	LM2596DSADJG	1
AMS1117-3.3	三端稳压芯片	U3	SOT223	AMS1117	1
LM2596-5.0	DC降压芯片	U4	TO263-5A	LM2596-5.0	1
HX8358		U5	SOP8-9	HX8358	1
IP6518C		U6, U7	QFN24	IP6518C	2
8M	2脚无源脚晶振	X1	OSC HC-49SMD	XTAL-2P	1
XH2		XH1	XH2/2.54mm/90	XH2	1