



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	INDEE IN I	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	Pin HDR2X3	1
1364372-1	USB 1.1, Right Angle, Thru-Hole, A Type,	J11, J12	HDR2X3/2.54mm-S 440068	1364372-1	2
	Receptacle, 4 Position, Black				
XT60-Connector	对于母头,+-对调	J13	TX60PW-M20	Component_1	1
KEY	INIDIJOTOR	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	
22uH Audio_Signal	INDUCTOR	L5 PHONE1	CDRH129 PHONE_ST	INDUCTOR PHONE_M	1
10K		R1, R4, R5, R9, R10	0805R	RES	
TOK	RES TRIMMER 50K	K1, K4, K3, K7, K10	Bourns_3296W_MFG		
3296W-1-504LF 50K	OHM 0.5W PC PIN	R2	BOUITIS_3270VV_IVII G	3296W-1-504LF	1
3296W-1-504LF 50K 1.21K	OHM 0.5W PC PIN	R2 R3	0805R	3296W-1-504LF RES	1
	OHM 0.5W PC PIN				1
1.21K 1M 510R	OHM 0.5W PC PIN	R3	0805R 0805R 0805R	RES RES RES	1 1 4
1.21K 1M	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14	0805R 0805R 0805R 0805R	RES RES RES RES	1 1 1 4 2
1.21K 1M 510R 15K 0R	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26	0805R 0805R 0805R 0805R 0805R 0805R	RES RES RES RES RES RES	1 1 4 2 2
1.21K 1M 510R 15K 0R 0.02ohm	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20	0805R 0805R 0805R 0805R 0805R 0805R 1206R	RES RES RES RES RES RES RES	1 1 4 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R	RES RES RES RES RES RES RES	1 1 4 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R	RES RES RES RES RES RES RES RES	1 1 4 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R	RES	1 1 4 2 2 2 2 2 2 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R	OHM 0.5W PC PIN	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R	RES	1 1 4 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K	OHM 0.5W PC PIN TOP	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R	RES	1 1 4 2 2 2 2 2 2 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.33K 75K 2R	OHM 0.5W PC PIN TOP ARM Cortex-M3 32-bit MCU, 64 KB Flash,	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R	RES	1 1 4 2 2 2 2 2 2 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R	OHM 0.5W PC PIN TOP	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R	RES	1 1 4 2 2 2 2 2 2 2 2 2 2
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R SW2-DIP4 STM32F103C8T6	ARM Cortex-M3 32- bit McU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LOFP, -40 to 85 degC, Tray IC REG MULT CONFG ADJ 3A D2PAK-5	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25 S1 U1	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R 0805R 0805R 0805R DIP-Switch2 STM-LQFP48_N ON_Semiconductor_ 936A-02_MFG	RES	1 1 4 2 2 2 2 2 2 2 2 1 1
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R SW2-DIP4 STM32F103C8T6 LM2596DSADJG AMS1117-3.3	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray IC REG MULT CONFG ADJ 3A D2PAK-5 三端稳压芯片	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25 S1 U1 U2 U3	0805R 0805R 0805R 0805R 0805R 1206R 0805R 1206R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R 0805R ON_Switch2 STM-LQFP48_N ON_Semiconductor_ 936A-02_MFG SOT223	RES	1 1 4 2 2 2 2 2 2 2 2 1 1
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R SW2-DIP4 STM32F103C8T6 LM2596DSADJG AMS1117-3.3 LM2596-5.0	ARM Cortex-M3 32- bit McU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LOFP, -40 to 85 degC, Tray IC REG MULT CONFG ADJ 3A D2PAK-5	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R17, R21 R18, R20 R17, R21 R18, R22 R19, R23 R24, R25 S1 U1 U2 U3 U4	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R 0805R 0805R 0805R 0805R DIP-Switch2 STM-LQFP48_N ON_Semiconductor_ 936A-02_MFG SOT223 TO263-5A	RES	1 1 4 2 2 2 2 2 2 2 2 1 1
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R SW2-DIP4 STM32F103C8T6 LM2596DSADJG AMS1117-3.3 LM2596-5.0 HX8358	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray IC REG MULT CONFG ADJ 3A D2PAK-5 三端稳压芯片	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25 S1 U1 U2 U3 U4 U5	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R 0805R 0805R 0805R 0805R DIP-Switch2 STM-LQFP48_N ON_Semiconductor_ 936A-02_MFG SOT223 TO263-5A SOP8-9	RES	1 1 4 2 2 2 2 2 2 2 2 2 1 1 1
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R SW2-DIP4 STM32F103C8T6 LM2596DSADJG AMS1117-3.3 LM2596-5.0 HX8358 IP6518C	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray IC REG MULT CONFG ADJ 3A D2PAK-5 三端稳压芯片	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25 S1 U1 U2 U3 U4 U4 U5 U6, U7	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 078 0805R 08	RES	1 1 4 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1
1.21K 1M 510R 15K 0R 0.02ohm 4.7k 3.3K 75K 2R SW2-DIP4 STM32F103C8T6 LM2596DSADJG AMS1117-3.3 LM2596-5.0 HX8358	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray IC REG MULT CONFG ADJ 3A D2PAK-5 三端稳压芯片	R3 R6 R7, R8, R11, R13 R12, R14 R15, R26 R16, R20 R17, R21 R18, R22 R19, R23 R24, R25 S1 U1 U2 U3 U4 U5	0805R 0805R 0805R 0805R 0805R 0805R 1206R 0805R 0805R 0805R 0805R 0805R 0805R 0805R DIP-Switch2 STM-LQFP48_N ON_Semiconductor_ 936A-02_MFG SOT223 TO263-5A SOP8-9	RES	1 1 4 2 2 2 2 2 2 2 2 2 1 1 1