













NH Speaker Sensor 16CH 2.3 C.PrjPcb

		H 2.3_C.PrjPck							
# Name	esignat			Manufacturer Part Numbe		Quantity	Description	Assembly type	Link
1 0.1uF		C_0603	C14663	CC0603KRX7R9BB104	YAGEO		100NF 50V 0603 ROHS		
2 10uF	_	C_0805	C440198		Murata Electronics		10uF ±10% 50V X5R 08	,	
3 10uF		C_0603	C19702	CL10A106KP8NNNC	Samsung Electro-Mechanics		10uF 10V 0603 Multilay		
4 22nF		C_0603	C21122	CL10B223KB8NNNC	Samsung Electro-Mechanics		22nF 50V 0603 Multilay		
5 15pF	C11, C1	C_0603	C1644	CL10C150JB8NNNC	Samsung Electro-Mechanics	5	15pF ±5% 50V C0G 06	SMT Assembly	
6 100pF	C24, C2	C_0603	C1635	0603CG101J500NT	FH(Guangdong Fenghua Adva	16	100pF 50V C0G ±5% 0	SMT Assembly	
7 1uF	C40, C5	C_0603	C15849	CL10A105KB8NNNC	Samsung Electro-Mechanics	5	1UF 50V 0603 ROHS	SMT Assembly	
8 0.1uF	C46, C6	C_0603	C14663	CC0603KRX7R9BB104	YAGEO	2	100NF 50V 0603 ROHS	SMT Assembly	
9 47uF		C_0805	C124129	GRM21BR61A476ME15L	Murata Electronics		47uF ±20% 10V X5R 08		
10 100pF	C59	C 0603	C1635	0603CG101J500NT	FH(Guangdong Fenghua Adva		100pF 50V C0G ±5% 0		
11 5.6nF	C61	C_0603	C1628	0603B562K500NT	FH(Guangdong Fenghua Adva		5.6nF 50V X7R ±10% 0		
12 470pF	C74	C_0603	C1620	0603B471K500NT	FH(Guangdong Fenghua Adva		470pF 50V 0603 Multila	SMT Assembly	
13 0.1uF	C80	C_0603	C14663	CC0603KRX7R9BB104	YAGEO		100NF 50V 0603 ROHS		
14 1uF	C81		C14663	CL10A105KB8NNNC				SMT Assembly	
		C_0603			Samsung Electro-Mechanics		1UF 50V 0603 ROHS	,	
15 2LED_3MM	D1	2LED_3MM	N/A	2 Led 3mm	N/A		Typical RED GaAs LED		
16 DSK34		SOD-123_L2.8-W1.8	C41029	DSK34	MDD (Microdiode Electronics		DSK34 40V 550mV@3	SMT Assembly	
17 ESDA6V1L			C587141	ESDA6V1L	TECH PUBLIC(台舟)		ESDA6V1L SOT-23-3	SMT Assembly	
18 SMAJ6.8CA	_	SMA,DO-214AC - C	C406209	SMAJ6.8CA	Bourne Semicon (Shenzhen)	3	Bidirectional 6.8V SMA(SMT Assembly	
19 SMF5.0CA_C908214	D14, D1	SOD-123_L2.8-W1.8	C908214	SMF5.0CA	FUXINSEMI(富芯森美)	16	SMF5.0CA 9.2V 6.4V 5	SMT Assembly	
20 BAT54C	D18	SOT-23-3_L2.9-W1.	C14308	BAT54CLT1G	ON Semicon	1	SCHOTTKY BARRIER	SMT Assembly	
21 BSMD0603L-150	F1	F0603	C914094	BSMD0603L-150	BHFUSE	1	6V 1.5A 50A 1W -40°C~	SMT Assembly	
22 Jac DC	J1	DC0	C718033	DC+02I	JINJIA	1	Jac DC input 5.5x2.1MN		
23 TYPE-C 16PIN 2MD		USB-C-SMD_TYPE-		TYPE-C16PIN	SHOU HAN	1	5A 1 Surface Mount 16	SMT Assembly	
24 15EDGRH-3.81-16P		Header 3.81 8 pin du			Phoenix Contact		16 Position Terminal BI		
25 HR911105A	J5, J4			HR911105A	HANRUN		RJ45 12 1 Green - Yello	Ŭ	
		RJ45-TH_HR911105							
26 RJ45R10P-B000	J6	RJ45-TH_R-RJ45R1	C386758	R-RJ45R10P-B000	Ckmtw(Shenzhen Cankemeng		RJ45 18MM, No Transfe		
27 HDR_2.54_1x7_Male		HDR1X7	N/A	HDR_2.54_1x7_Male	China		CONN HEADER VERT		
28 10uH	L1		C408339	MW SA0402S-100MT	Sunlord		POWER INDUCTORS		
29 GZ1608D601TF	L2, L4	L_0603	C1002	GZ1608D601TF	Sunlord	2	600Ω @ 100MHz 1 200	SMT Assembly	
30 4.7uH	L3	IND-SMD_L4.4-W4.2	C408337	MWSA0402S-4R7MT	Sunlord	1	4.7uH IND 4.2x4.4x2.0n	SMT Assembly	
31 SI2302	Q1	SOT-23-3_L2.9-W1.	C10488	Si2302CDS-T1-GE3	Vishay Intertech		MOSFET N TRENCH 2		
32 SI2305CDS-T1-GE3		SOT-23-3_L2.9-W1.	C37577	SI2305CDS-T1-GE3	Vishay Intertech		SI2305CDS-T1-GE3 8\		
33 MMBT3904	Q3	SOT-23-3_L2.9-W1.	C20526	MMBT3904	Changiang Electronics Tech (MMBT3904 TRANSIST	SMT Assembly	
					0, 0				
34 1K		R_0603	C21190	0603WAF1001T5E	Uniroyal Elec		1KOHMS ±1% 1/10W 0	-	
35 100K		R_0603	C25803	0603WAF1003T5E	Uniroyal Elec		100KOHMS ±1% 1/10V	SMT Assembly	
36 150K	R4	R_0603	C22807	0603WAF1503T5E	Uniroyal Elec	1	150kΩ ±1% ±100ppm/°	SMT Assembly	
37 33K	R5	R_0603	C4216	0603WAF3302T5E	Uniroyal Elec	1	33KOHMS ±1% 1/10W	SMT Assembly	
38 10K	R6, R7,	R_0603	C25804	0603WAF1002T5E	Uniroyal Elec	34	10KOHMS ±1% 1/10W	SMT Assembly	
39 220R	R9, R23	R_0603	C22962	0603WAF2200T5E	Uniroyal Elec	24	220R 220HMS ±1% 1/1	SMT Assembly	
40 10OHM		R_0805	C17415	0805W8F100JT5E	Uniroyal Elec	2	10OHMS ±1% 1/8W 08		
41 10OHM		R_0603	C22859	0603WAF100JT5E	Uniroyal Elec	17	10OHMS ±1% 1/10W 0		
12 120OHM		R_0603	C22787	0603WAF1200T5E	Uniroyal Elec		1200HMS ±1% 1/10W	SMT Assembly	
					•				
		R_0603	C21189	0603WAF0000T5E	Uniroyal Elec		0OHMS ±1% 1/10W 06		
14 49.9Ω		R_0603	C23185	0603WAF499JT5E	Uniroyal Elec		49.9OHM ±1% ±1% 0.1	SMT Assembly	
15 33Ω		R_0603	C23140	0603WAF330JT5E	Uniroyal Elec		33OHM ±1% 0.1W ±10		
16 4.7K	R84, R8	R_0603	C23162	0603WAF4701T5E	Uniroyal Elec	5	4.7KOHMS ±1% 1/10W	SMT Assembly	
17 1.5K	R88	R_0603	C22843	0603WAF1501T5E	Uniroyal Elec	1	1.5KOHMS ±1% 1/10W	SMT Assembly	
18 12.1k	R91	R_0603	C22864	0603WAF1212T5E	Uniroyal Elec	1	12.1kΩ ±1% 0.1W ±100	SMT Assembly	
19 5.76K	R102	R_0603	C23070	0603WAF5761T5E	Uniroyal Elec		5.76kΩ 0603 1/10W Th		
50 95.3K	R103	R_0603	C23267	0603WAF9532T5E	Uniroyal Elec		95.3kΩ 0603 1/10W Th		
51 19.1K	R104	R_0603	C22897	0603WAF1912T5E	Uniroyal Elec		19.1kΩ 0603 1/10W Th	,	
52 5.1K		R_0603	C22697 C23186	0603WAF191215E	Uniroyal Elec		5.1K 5.1kΩ 0603 1/10W		
					•				
3 3.32K	R113	R_0603	C137731	RC0603FR-073K32L	Uniroyal Elec		3.32K ±1% 1/10W 060	SMT Assembly	
54 10K	R114	R_0603	C25804	0603WAF1002T5E	Uniroyal Elec		10KOHMS ±1% 1/10W		
55 SW-PB	S1, S2	SW2-D2	N/A	EVQ-PF306K	Panasonic		SPST 50mA @ 12VDC	-	
66 STM32F407ZET6	U1	LQFP-144_L20.0-W		STM32F407ZET6	STMicroelectronics		STM32F407ZGT6 ARM		
7 CD4067BM96	U2	SOIC-24_L15.4-W7.	C6525	CD4067BM96	Texas Instruments	1	CD4067BM96 1 240Ω S	SMT Assembly	
8 LAN8720AI-CP-TR	U3	QFN-24_L4.0-W4.0-	C17146	LAN8720AI-CP-TR	SMSC		Ethernet Transceivers		
9 LM321G-AE5-R	U4	SOT-23-5_L3.0-W1.	C100068	LM321G-AE5-R	UTC		1MHz 1 General Purpos		
0 TPS54335ADRCR	U5	VSON-10_L3.0-W3.0		TPS54335ADRCR	Texas Instruments		TPS54335A 28V 3A SC		
1 SP485EEN-L/TR	U6	SOIC-8 3.9x4.9x1.2		SP485EEN-L/TR	MaxLinear		RS-485 & RS-422 1/1 1		
		_							
62 W25Q80	U7	SOIC-8_3.9x4.9x1.2		W25Q80DVSNIG TR	Winbond		FLASH FLASH 8MB (11		
33 RS2057XC6		SC-70-6_L2.2-W1.3			RUNIC(润石)		8Ω 1 SPDT(SPDT) SC		
64 RT9193-33GB	U12	SOT-23-5_L3.0-W1.		RT9193-33GB	Richtek Tech		5.5V 300mV @ 300mA	-	
55 SY8089A	U13	SOT-23-5_L3.0-W1.	C479074	SY8089A1AAC	Silergy Corp	1	High Efficiency 5.5V, 2A	SMT Assembly	
66 LM324AM/TR	U14, U1	SOIC-14_3.9x8.7x1.		LM324AM/TR	HGSEMI		LM324AWNOPB GENE		
67 TLV431AIDBZR	U18	SOT-23-3_L2.9-W1.		TLV431AIDBZR	Texas Instruments		TLV431AIDBZR 1.24V~		
68 CH340E	U23	MSOP-10_L3.0-W3.			WCH(Jiangsu Qin Heng)		Transceiver USB 2.0 2	,	
					, 0			,	
69 32.768K	X1	SMD-3215_2P	C32346	Q13FC1350000400	Seiko Epson		32.768K SMD CRYSTA		
70 50MHZ	X2	SMD-3225_4P	C160451	HSO321S 50MHZ 3.3V 50P			HSO321S 50MHZ 3.3V		
71 25Mhz	X3	SMD-3225_4P	C9006	X322525MOB4SI	Yangxing Tech	1	25MHz ±10ppm 12pF 4	SMT Assembly	