

FCC ID:2A3WI-TP101

item code	Product name	Specification	model	quantity	Location	Remark
01053	ME6211C33M5G-N	SOT-23-5		1.00	U11	
01071	NC7SZ157P6X			1.00	U12	
01079	TPA6120A2DWP	SOP-20-400		1.00	U8	
01097	LM317DCY	SOT-223	LM317DCY	1.00	U28	
01102	NJW1194V-TE1	SSOP32	NJW1194V-TE1	1.00	U23	
01107	XU208-256-QF48	QFN48	XU208-128-QF48	1.00	U18	
01117	RP112N331D-TR-FE	SOT-23-5	RP112N331D-TR-FE	1.00	U6	
01126	SN74LVC2G04DBVR	SOT-23-6	SN74LVC2G04DBVR	1.00	U20	
01129	SN74LVC1G80DCKR	24. 576MHz	SN74LVC1G80DC	1.00	U14	
01137	MP2122GJ	TSOT23-8	MP2122GJ	1.00	U1	
01152	TPS5430DDAR	S08 PowerPAD	TPS5430DDAR	3.00	U3、U4、U16	
01153	SGM3710YTQA16G/TR	QFN1. 8X2. 6-16	SGM3710YTQA16G/TR	3.00	U5、U15、U24	
01171	ES9018Q2C		ES9018Q2C	1.00	U19	
01174	TL072CDT	SOP8 (ST)	TL072CDT	1.00	U10	
01205	STM32G030C8T6	LQFP-48	STM32G030C8T6	1.00	U27	
01206	LM4562MA/NOPB	SOP8	LM4562MA/NOPB	3.00	U2、U9、U25	
01215	MA12070XUMA1	QFN64	MA12070XUMA1	1.00	U22	
01216	SL6206-ADJMR	SOT-23-5	SL6206-ADJMR	1.00	U17	
01229	UC25HQ40IATG (MX5)	SOP8	UC25HQ40IATG (MX5)	1.00	U21	
01241	LCTP0152		LCTP0152	1.00	U13	
02007	KST8050D	SOT-23		3.00	Q2、Q8、Q10	
02019	2N5401	SOT-23	MMBT5401	1.00	Q6	
02028	1N4148WS	SC76		5.00	D5、D7、D8、D9、D10	
02029	ZMM11	11V0. 5W LL-34	ZMM11	2.00	D11、D17	

02035	ESD3. 3V52D-C	SOD-523	ESD3. 3V52D-C	2. 00	ED1、ED2	
02036	B5819W	SOD-123	B5819W	5. 00	D1、D2、D4、D6、D12	
02037	TPD2E001DRLR	SOT-553	TPD2E001DRLR	1. 00	U26	
02047	ESD05V88D-C	0402 5V	ESD05V88D-C	6. 00	ED3、ED4、ED5、ED6、 ED7、ED8	
02049	ESD36V88D-CDN	0402 36V	ESD36V88D-CDN	7. 00	ED9、ED10、ED11、 ED12、ED13、ED14	
02057	ZMM7V5	7. 5V0. 5W LL-34	ZMM7V5	2. 00	D13、D15	
02058	IRFR5305TRPBF	55V/31A, TO-252-2, 65	IRFR5305TRPBF	1. 00	Q4	
02061	SS54	0. 55V, 5A, 40V	SS54	1. 00	D3	
04047	0603-2K	0603-1%	0603WAF2001T5E	2. 00	R103、R108	
04052	0603-1K	0603-1%	0603WAF1001T5E	12. 00	R63、R64、R65、R66、 R73、R74、R134、R135	
04064	0603-680R	0603-1%	0603WAF6800T5E	1. 00	R4	
04077	0603-4. 7K	0603-1%	0603WAF4701T5E	6. 00	R81、R82、R86、R87、 R88、R89	
04081	0603-0R	0603-1%	0603WAF0000T5E	9. 00	R31、R32、R62、R90、 R94、R95、R96、R97	
04111	0603-470R	0603-1%	0603WAF4700T5E	2. 00	R136、R137	
04119	1206-3R3	1206-1%	1206W4F330KT5E	2. 00	R59、R60	
04120	0402-10K	0402-1%	0402WGF1002TCE	29. 00	R1、R2、R6、R7、R8、 R9、R10、R11、R12	
04121	0402-2K	0402-1%	0402WGF2001TCE	2. 00	R47、R48	
04122	0402-100K	0402-1%	0402WGF1003TCE	6. 00	R24、R91、R92、R106 、R113、R130	
04123	0402-1K	0402-1%	0402WGF1001TCE	4. 00	R36、R99、R100、R144	
04125	0402-270R	0402-1%	0402WGF2700TCE	1. 00	R3	
04126	0402-1M	0402-1%	0402WGF1004TCE	2. 00	R122、R128	
04150	0402-0R0	0402-1%	0402WGF0000TCE	5. 00	R49、R51、R121、R142 R143	
04151	0402-43R2	0402-1%	0402WGF432JTCE	1. 00	R110	
04154	0402-100R	0402-1%	0402WGF1000TCE	2. 00	R53、R61	
04156	0402-4. 7K	0402-1%	0402WGF4701TCE	1. 00	R115	
04158	0402-3. 9K	0402-1%	0402WGF3901TCE	1. 00	R117	

04209	0603-1K-0.1%	0603-0.1%	AR03BTCX1001	6.00	R57、R58、R69、R70、 R71、R72	
04210	0603-510R-0.1%	0603-0.1%	AR03BTCX5100	4.00	R75、R76、R77、R78	
04223	0603-100R-0.1%	0603-0.1%	AR03BTCX1000	8.00	R35、R42、R52、R54、 R55、R56、R104、R107	
04228	0603-910R-0.1%	0603-0.1%	AR03BTCX9100	4.00	R39、R41、R44、R45	
04235	0402-4.7R	0402-1%	0402WGF470KTCE	8.00	R27、R29、R30、R33、 R83、R84、R85、R105	
04236	0402-806R	0402-1%	0402WGF8060TCE	1.00	R50	
04267	0402-1.24M	0402-1%	0402WGF1244TCE	1.00	R79	
04268	0402-806K	0402-1%	0402WGF8063TCE	2.00	R67、R68	
04269	0402-182K	0402-1%	0402WGF1823TCE	1.00	R80	
04270	0402-120K	0402-1%	0402WGF1203TCE	1.00	R131	
04293	0603-390R	0603-1%	0603WAF3900T5E	1.00	R5	
04295	0402-910R	0402-1%	0402WGF9100TCE	2.00	R111、R116	
04303	0402-75R	0402-1%	0402WGF750JTCE	2.00	R112、R127	
04307	0402-220R	0402-1%	0402WGF2200TCE	1.00	R13	
04313	0402-6.2K	0402-1%	0402WGF6201TCE	1.00	R114	
04314	0402-56K	0402-1%	0402WGF5602TCE	1.00	R93	
06005	0805-106	10%-16V-1.25mm	CL21B106KOQNNNE	16.00	C55、C63、C64、C65、 C68、C74、C78、C79、	
06024	0603-105	10%-50V-0.8mm	CL10A105KB8NNNC	5.00	C141、C142、C143、 C144、C145	
06039	0603-561-COG	5%-50V-0.8mm	CL10C561JB8NNNC	8.00	C46、C47、C48、C52、 C135、C136、C137	
06047	0603-105	10%-16V-0.8mm	CL10A105K08NNNC	8.00	C101、C104、C105、 C106、C107、C108	
06055	0603-332	10%-50V-0.8mm	CL10B332KB8NNNC	2.00	C168、C169	
06057	0603-222-COG	5%-50V-0.8mm	CL10C222JB8NNNC	4.00	C131、C132、C133、 C134	
06059	1206-106	10%-25V-1.6mm	CL31B106KAHNNNE	17.00	C112、C113、C114、 C115、C116、C117	
06061	0805-226	20%-25V-1.25mm	CL21A226MAQNNNE	4.00	C57、C85、C88、C89	
06071	0603-104	5%-50V-0.8mm	CL10B104JB8NNNC	5.00	C146、C147、C148、 C149、C150	
06075	0402-104	0402-10%-16V-X7R	CL05B104K05NNNC	52.00	C1、C2、C3、C4、C5、 C6、C11、C12、C13	

06086	470uF/25V	SMD 10*10.5	HV471M025G105ETR	6.00	C110、C151、C154、 C155、C179、C180	
06090	0402-475	20%-6.3V-X5R	CL05A475MQ5NRNC	11.00	C59、C60、C61、C62、 C66、C67、C69、C70、 C42、C45、C49、C50、 C51、C75、C76、C77	
06095	0603-226	20%-6.3V-X5R	CL10A226MQ8NRNC	18.00	C153、C156、C160、 C161、C170、C177	
06096	0402-105	10%-6.3V-X5R	GRM155R60J105KE19D	7.00	C152、C158、C162、 C173	
06112	0402-103	0402-10%-50V-X7R	CL05B103KB5NNNC	4.00	C124、C159、C187	
06113	1206-106-50V	1206-10%-50V-X5R	CL31A106KBHNNNE	3.00	C53、C56、C178	
06114	0402-223	0402-10%-50V-X7R	CL05B223KB5NNNC	3.00	C10	
06117	100uF/35V	SMD 6.3*7.7	HV101M035E077ETR	1.00	C19、C164、C165	
06118	470uF/35V	SMD 10*10.5	DV471M035G105ETR	3.00	C7、C8、C9、C26、 C166、C167	
06119	220uF/6.3V	SMD 6.3*7.7	MV221M6R3E077ETR	6.00	J2	
07019	G6K-2P-Y-12V	12V 直插	G6K-2P-Y-12V	1.00	L6	
09016	0805共模电感	[0805]	SDCW2012-2-121TF	1.00	L4、L5、L8、L9	
09030	5020-100uH	5020, 20%	SWPA5020S101MT	4.00	L2、L3	
09033	5020-1.5uH	5020, 10%	SWPA5020S1R5NT	2.00	L7	
09035	8040-100uH	8040, 20%	SWPA8040S101MT	1.00	L1、L10	
09036	8040-22uH	8040, 20%	SWPA8040S220MT	2.00	Y2	
10018	45.1584MHz	2520 3.3V 20ppm	NZ2520SD (ERG3127A)	1.00	Y3	
10019	49.152MHz	2520 3.3V 20ppm	NZ2520SD (ERG3127B)	1.00	Y1	
10025	24.000MHz	2520 3.3V 50ppm (EAS)	EAS2520X024.000DL33	1.00	Y4	
10029	100.000MHz	2520 3.3V 25ppm (EAS)	EAS2520X0100.000DL33	1.00	JP5、JP6、JP7	
13007	6.35headphone holder	6.35-19	6.35-19	3.00	JP1	
13031	2RCA	AV2-32	AV2-32	1.00	JP2	
13037	DC008Apower socket	Φ2.1, 3A	DC008A	1.00	JP18	
13050	USB-B-2	iron shell		1.00	G1	
13065	4.5mmthimble			1.00	E1	
13087	Antenna socket 1	SMD 3*3*1.25MM	20279-001E IPEX	1.00		

13107	16pin FPCseat	0.5MM C11-S16ICA-00		1.00	JP3	
13124	OPT-RW-D11	192k	OPT-RW-D11	1.00	JP4	
14125	MX5-PCB			1.00		
15034	GF272-60	60*31*23 (5hole)		1.00	U22	
15036	aluminum plate60312	60*31*2.5black oxide		1.00	U22bottom	
16001	Teflon wire-22	22mm, 0.5	AF-200-22	1.00	TP27、TP29	
16037	Teflon wire-36	17mm, 0.5	AF-200-36	1.00	TP27、TP29	
18042	BTM331 (MX5)		BTM331 (MX5)	1.00	U7	
19066	straight columnM3_25	5H*2.5		4.00	U22	
19068	Thermal Grease	5.15 VK886		0.01	U22	
19075	Weld standoffsM3-5.6	Carbon steel copper plated		2.00		
21043	M3X10			4.00	U22	

序号	Description	Comment	Designator	Footprint	Quantity
1	Capacitance	2.2UF	C1, C2, C3, C4, C5, C7, C21	0402C	5
2	Capacitance	4.7UF	C5 ,C7	0402C	2
3	Capacitance	470NF	C6, C9, C10, C51, C71	0402c	5
4	Capacitance	1UF	C8, C81	0402c	2
5	Capacitance	1.5PF	C9A	0402c	1
6	Capacitance	10PF	C11	0402c	1
7	Capacitance	100NF	C12	0402c	1
8	Capacitance	10NF	C21	0402c	1
9	Inductance	4.7UH	L1, L2	0805R	2
10	Resistance	0R	L1A	0402c	1
11	Resistance	1R	R51	0402R	1
12	BT IC	QCC3031	U1	QCC3031-QFN	1
13	FLASH	25Q32	U2	WSON-6X5	1
14	wave filter	RF-BF1608	U3	DBF-1608	1
15	Crystal oscillator	32M	Y1	XTAL-3225	1