

PF10_V1 基准BOM

板 型：PF10-5002

一、贴片电阻类：

序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
1. 01	RN0000RBF0004020001	贴片电阻	0R±5%	R0402	9	G_R1 L4 L6 R43 R45 R120 R137 R148 R150	RES 0R±5% 0402	国巨	C
1. 02	RN0010RAF0004020001	贴片电阻	10R±1%	R0402	1	R142	RES 10R±1% 0402	国巨	C
1. 03	RN0027RBF0004020001	贴片电阻	27R±5%	R0402	8	R135 R65 R67 R72 R73 R82 R85 R86	RES 27R±5% 0402	国巨	C
1. 04	RN044R2AF0004020001	贴片电阻	44. 2R±1%	R0402	1	R5	RES 44. 2R±1% 0402	国巨	C
1. 05	RN0056RBF0004020001	贴片电阻	56R±5%	R0402	2	R134 R136	RES 56R±5% 0402	国巨	C
1. 06	RN0100RBF0004020001	贴片电阻	100R±5%	R0402	4	R44 R103 R104 R119	RES 100R±5% 0402	国巨	C
1. 07	RN0499RAF0004020001	贴片电阻	499R±1%	R0402	4	R4 R108 R177 R178	RES 499R±1% 0402	国巨	C
1. 08	RN0001KBF0004020001	贴片电阻	1K±5%	R0402	19	R66 R77 R79 R113 R133 R139 R141 R143 R145 R155 R162 R23 R60 R96 R99 G_R2 R152 R184 R25	RES 1K±5% 0402	国巨	C
1. 09	RN0002KAF0004020001	贴片电阻	2K±1%	R0402	3	R62 R40 R41	RES 2K±1% 0402	国巨	C
1. 10	RN02K20BF0004020001	贴片电阻	2. 2K±5%	R0402	8	R1 R2 R93 R94 R131 R132 R146 R147	RES 2. 2K±5% 0402	国巨	C
1. 11	RN02K49AF0004020001	贴片电阻	2. 49K±1%	R0402	1	R97	RES 2. 49K ±1% 0402	国巨	C
1. 12	RN003K3AF0004020001	贴片电阻	3. 3K±1%	R0402	2	R102 R183	RES 3. 3K±1% 0402	国巨	C
1. 13	RN004K7BF0004020001	贴片电阻	4. 7K±5%	R0402	19	G_R3 R30 R49 R61 R80 R81 R92 R98 R109 R111 R112 R115 R124 R170 R175 R181 R117 R118 R15	RES 4. 7K±5% 0402	国巨	C
1. 14	RN005K1AF0004020001	贴片电阻	5. 1K±1%	R0402	2	R9 R161	RES 5. 1K±1% 0402	国巨	C

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1. 15	RN006K8AF0004020001	贴片电阻	6. 8K±1%	R0402	1	R156	RES 6. 8K±1% 0402	国巨	C
1. 16	RN0010KBF0004020001	贴片电阻	10K±5%	R0402	24	R8 R11 R12 R33 R42 R46 R50 R52 R57 R55 R63 R110 R123 R130 R140 R154 R157 R159 R165 R169 R190 R78 R122 R54	RES 10K±5% 0402	国巨	C
1. 17	RN0020KAF0004020001	贴片电阻	20K±1%	R0402	2	R138 R100	RES 20K±1% 0402	国巨	C
1. 18	RN0047KBF0004020001	贴片电阻	47K±5%	R0402	15	R27 R64 R106 R107 R114 R125 R126 R129 R164 R167 R168 R171 R179 R31 R36	RES 47K±5% 0402	国巨	C
1. 19	RN0100KAF0004020001	贴片电阻	100K±1%	R0402	10	R18 R19 R174 R176 R127 R151 R158 R166 R173 C146	RES 100K±1% 0402	国巨	C
1. 20	RN0130KAF0004020001	贴片电阻	130K±1%	R0402	1	R32	RES 130K±1% 0402	国巨	C
1. 21	RN0150KAF0004020001	贴片电阻	150K±1%	R0402	5	R16 R26 R39 R7 R153	RES 150K±1% 0402	国巨	C
1. 22	RN0261KAF0004020001	贴片电阻	261K±1%	R0402	1	R13	RES 261K±1% 0402	国巨	C
1. 23	RN0300KAF0004020001	贴片电阻	300K±1%	R0402	8	R14 R24 R29 R34 R35 R38 R10 R160	RES 300K±1% 0402	国巨	C
1. 24	RN0510KAF0004020001	贴片电阻	510K±1%	R0402	1	R20	RES 510K±1% 0402	国巨	C
1. 25	RN001M5BF0004020001	贴片电阻	1. 5M±5%	R0402	2	R22 R3	RES 1. 5M±5% 0402	国巨	C
1. 26	RN0002MBF0004020001	贴片电阻	2M±5%	R0402	1	R6	RES 2M±5% 0402	国巨	C
1. 27	RN0000RBG0006030001	贴片电阻	0R±5%	R0603	1	R188	RES 0R±5% 0603	国巨	C
1. 28	RN006R2AG0006030001	贴片电阻	6. 2R±1%	R0603	1	R101	RES 6. 2R±1% 0603	国巨	C
1. 29	RN0001KBG0006030001	贴片电阻	1K±5%	R0603	1	R191	RES 1K±5% 0603	国巨	C
1. 30	RR0022RBF0004020001	贴片阻排	22R±5%	8P4R_0402	5	RA9 RA10 RA11 RA13 RA12	RES 22R±5% 8P4R_0402	国巨	C
1. 31	RR0100RBF0004020001	贴片阻排	100R±5%	8P4R_0402	5	RA2 RA3 RA4 RA5 RA6	RES 100R±5% 8P4R_0402	国巨	C

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1. 32	RR0010KBF0004020001	贴片排阻	10K±5%	8P4R_0402	1	RA1	RES 10K±5% 8P4R_0402	国巨	C
1. 33	XU900MLVS0402E10001	压敏电阻	MLVS0402E10-3. 5pF	R0402	12	R17 R74 R75 R76 R128 R163 D13 D14 D15 D16 D18 D19	Working voltage:5V. Maximum Capacitance:3. 5pF	佳邦	C
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序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
2. 01	CF003R9EC0004020001	贴片陶瓷电容	3. 9pF±0. 25pF 50V COG (GRM1555C1H3R9CZ01D)	C0402	2	C194 C197	CAP MLCC 3. 9pF ±0. 25pF 50V COG	MURATA	C
2. 02	CF005R6EC0004020001	贴片陶瓷电容	5. 6pF±0. 25pF 50V COG (GRM1555C1H5R6CZ01D)	C0402	7	C199 C201 C175 C182 C191 C192 C122	CAP MLCC 5. 6pF ±0. 25pF 50V COG	MURATA	C
2. 03	CF00150AC0004020001	贴片陶瓷电容	15pF±5% 50V COG (GRM1555C1H150JZ01D)	C0402	2	C2 C3	CAP MLCC 15pF ±5% 50V COG	MURATA	C
2. 04	CF00180AC0004020001	贴片陶瓷电容	18PF±5% 50V COG (GRM1555C1H180JZ01D)	C0402	4	C202 C204 C205 C208	CAP MLCC 18PF ±5% 50V COG	MURATA	C
2. 05	CF00220AC0004020001	贴片陶瓷电容	22pF±5% 50V COG (GRM1555C1H220JZ01D)	C0402	13	C153 C154 C159 C168 C190 G_C3 G_C4 G_C14 L14 C4 C5 C139 C140	CAP MLCC 22pF ±5% 50V COG	MURATA	C
2. 06	CF00270AC0004020001	贴片陶瓷电容	27pF±5% 50V COG (GRM1555C1H270JZ01D)	C0402	1	C183	CAP MLCC 27pF ±5% 50V COG	MURATA	C
2. 07	CG00390AC0004020001	贴片陶瓷电容	39pF±5% 50V COG (GRM1555C1H390JZ01D)	C0402	2	C171 C195	CAP MLCC 39pF ±5% 50V COG	MURATA	C
2. 08	CF00470AC0004020001	贴片陶瓷电容	47pF±5% 50V COG (GRM1555C1H470JZ01D)	C0402	3	C57 C167 C169	CAP MLCC 47pF ±5% 50V COG	MURATA	C
2. 09	CF00560AC0004020001	贴片陶瓷电容	56pF±5% 50V COG (GRM1555C1H560JZ01D)	C0402	1	C117	CAP MLCC 56pF ±5% 50V COG	MURATA	C
	CF00560AC0004020004		56pF±5% 50V COG (CC0402JRNPO9BN560)	C0402	0		CAP MLCC 56pF ±5% 50V COG	国巨	C
	CF00560AC0004020003		56pF±5% 50V COG (C0402C0G560J500NT/Y)	C0402	0		CAP MLCC 56pF ±5% 50V COG	宇阳	C
2. 10	CF00680AC0004020001	贴片陶瓷电容	68pF±5% 50V COG (GRM1555C1H680JZ01D)	C0402	1	C118	CAP MLCC 68pF ±5% 50V COG	MURATA	C
2. 11	CF00820AC0004020001	贴片陶瓷电容	82pF±5% 50V COG (GRM1555C1H820JZ01D)	C0402	2	C165 C198	CAP MLCC 82pF ±5% 50V COG	MURATA	C

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2. 12	CG00221BC0004020001	贴片陶瓷电容	221±10% 50V X7R (GRM155R71H221KA01)	C0402	9	C181 C212 C218 R90 R91 C39 C102 C103 C105	CAP MLCC 220pF ±10% 50V X7R	MURATA	C
	CG00221BC0004020003		221±10% 50V X7R (C0402X7R221K500NT/Y)	C0402	0		CAP MLCC 220pF ±10% 50V X7R	宇阳	C
	CG00221BC0004020002		221±10% 50V X7R (CC0402KRX7R9BB221)	C0402	0		CAP MLCC 220pF ±10% 50V X7R	国巨	C
	CG00221BC0004020005		221±10% 50V X7R (CL05B221KB5NNNC)	C0402	0		CAP MLCC 220pF ±10% 50V X7R	SAMSUNG	C
2. 13	CG00102BC0004020002	贴片陶瓷电容	102±10% 50V X7R (C0402X7R102K500NT)	C0402	11	C33 C34 C111 C112 C116 C142 C170 C228 C229 C230 C231	CAP MLCC 1nF ±10% 50V X7R	宇阳	C
	CG00102BC0004020001		102±10% 50V X7R (GRM155R71H102KA01D)	C0402	0		CAP MLCC 1nF ±10% 50V X7R	MURATA	C
	CG00102BC0004020003		102±10% 50V X7R (CC0402KRX7R9BB102)	C0402	0		CAP MLCC 1nF ±10% 50V X7R	国巨	C
	CG00102BC0004020005		102±10% 50V X7R (CL05B102KB5NNNC)	C0402	0		CAP MLCC 1nF ±10% 50V X7R	SAMSUNG	C
2. 14	CG00103BC0004020002	贴片陶瓷电容	103±10% 50V X7R (C0402X7R103K500NT)	C0402	25	C12 C13 C54 C65 C69 C70 C71 C72 C73 C74 C85 C115 C120 C128 C176 C210 C221 G_C2 G_C5 G_C6 G_C8 G_C9 G_C11 G_C16 G_C17	CAP MLCC 10nF ±10% 50V X7R	宇阳	C
	CG00103BC0004020001		103±10% 50V X7R (GRM155R71H103KA88D+A01)	C0402	0		CAP MLCC 10nF ±10% 50V X7R	MURATA	C
	CG00103BC0004020003		103±10% 50V X7R (CC0402KRX7R9BB103)	C0402	0		CAP MLCC 10nF ±10% 50V X7R	国巨	C
	CG00103BC0004020005		103±10% 50V X7R (CL05B103KB5NNNC)	C0402	0		CAP MLCC 10nF ±10% 50V X7R	SAMSUNG	C
2. 15	CG00473BF0004020005	贴片陶瓷电容	473±10% 10V X7R (C0402X7R473K100NT/Y)	C0402	2	C148 C193	CAP MLCC 47nF ±10% 10V X7R	宇阳	C
	CG00473BF0004020002		473±10% 10V X7R (CC0402KRX7R6BB473)	C0402	0		CAP MLCC 47nF ±10% 10V X7R	国巨	C
	CG00473BF0004020001		473±10% 10V X7R (GRM155R71A473KA01D)	C0402	0		CAP MLCC 47nF ±10% 10V X7R	MURATA	C
2. 16	CJ00104BE0004020001	贴片陶瓷电容	104±10% 16V X5R (C0402X5R104K160NT)	C0402	73	C1 C6 C9 C10 C11 C17 C18 C19 C21 C22 C25 C26 C27 C28 C30 C31 C32 C35 C36 C41 C42 C46 C51 C53 C56 C60 C61 C63 C64 C66 C67 C68 C78 C79 C87 C88 C94 C95 C96 C97 C100 C107 C109 C114	CAP MLCC 0.1uF ±10% 16V X5R	宇阳	C
	CG00104BE0004020001		104±10% 16V X7R (GRM155R71C104KA88D)	C0402	0		CAP MLCC 0.1uF ±10% 16V X7R	MURATA	C

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2. 16	CG00104BE0004020002	贴片陶瓷电容	104±10% 16V X7R (CC0402KRX7R7BB104)	C0402	0	C121 C124 C132 C137 C141 C143 C144 C145 C147 C149 C151 C152 C157 C158 C173 C179 C180 C184 C187 C188 C189 C211 C213 C214 C215 C219 G_C1 G_C7 R89	CAP MLCC 0.1uF ±10% 16V X7R	国巨	C
	CG00104BE0004020005		104±10% 16V X7R (CL05B104K05NNNC)	C0402	0		CAP MLCC 0.1uF ±10% 16V X7R	SAMSUNG	C
2. 17	CJ00105BG0004020003	贴片陶瓷电容	105±10% 6.3V X5R (CC0402KRX5R5BB105)	C0402	33	C7 C8 C14 C15 C16 C20 C23 C24 C29 C48 C55 C62 C76 C84 C86 C89 C90 C101 C104 C106 C108 C110 C127 C129 C131 C138 C177 C206 C207 C223 C224 G_C12 G_C13	CAP MLCC 1uF ±10% 6.3V X5R	国巨	C
	CJ00105BG0004020001		105±10% 6.3V X5R (GRM155R60J105KE19D)	C0402	0		CAP MLCC 1uF ±10% 6.3V X5R	MURATA	C
	CJ00105BG0004020002		105±10% 6.3V X5R (C0402X5R105K6R3NT)	C0402	0		CAP MLCC 1uF ±10% 6.3V X5R	宇阳	C
	CJ00105BG0004020005		105±10% 6.3V X5R (CL05A105KQ5NNNC)	C0402	0		CAP MLCC 1uF ±10% 6.3V X5R	SAMSUNG	C
2. 18	CJ00474BC0008050002	贴片陶瓷电容	474±10% 50V X5R (CC0805KRX5R9BB474)	C0805	2	C125 C126	CAP MLCC 0.47uF ±10% 50V X7R 0805	国巨	C
	CJ00474BC0008050001		474±10% 50V X5R (C0805X5R474K500NTM)	C0805	0		CAP MLCC 0.47uF ±10% 50V X7R 0805	宇阳	C
	CG00474BC0008050001		474±10% 50V X7R (GRM21BR71H474KA88L)	C0805	0		CAP MLCC 0.47uF ±10% 50V X7R 0805	murata	C
2. 19	CJ00225BF0006030004	贴片陶瓷电容	225±10% 10V X5R (CC0603KRX5R6BB225)	C0603	1	C40	CAP MLCC 2.2uF ±10% 10V X5R	国巨	C
	CJ00225BF0006030003		225±10% 10V X5R (C0603X5R225K100NT)	C0603	0		CAP MLCC 2.2uF ±10% 10V X5R	宇阳	C
	CJ00225BF0006030005		225±10% 10V X5R (CL10A225KP8NNNC)	C0603	0		CAP MLCC 2.2uF ±10% 16V X5R	SAMSUNG	C
2. 20	CJ00475BG0006030004	贴片陶瓷电容	475±10% 6.3V X5R (CC0603KRX5R5BB475)	C0603	21	C38 C44 C45 C47 C49 C75 C93 C98 C123 C130 C150 C155 C156 C160 C161 C162 C163 C164 C220 G_C15 G_C18	CAP MLCC 4.7uF ±10% 6.3V X5R	国巨	C
	CJ00475BG0006030001		475±10% 6.3V X5R (GRM188R60J475KE19D)	C0603	0		CAP MLCC 4.7uF ±10% 6.3V X5R	MURATA	C
	CJ00475BG0006030003		475±10% 6.3V X5R (C0603X5R475K6R3NT)	C0603	0		CAP MLCC 4.7uF ±10% 6.3V X5R	宇阳	C
	CJ00475BG0006030005		475±10% 6.3V X5R (CL10A475KQ8NNNC)	C0603	0		CAP MLCC 4.7uF ±10% 6.3V X5R	SAMSUNG	C
	CJ00106BG0008050003		106±10% 6.3V X5R (CC0805KRX5R5BB106)	C0805	10		CAP MLCC 10uF ±10% 6.3V X5R	国巨	C

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2. 21	CJ00106BG0008050001	贴片陶瓷电容	106±10% 6.3V X5R (GRM219R60J106KE19D)	C0805	0	C37 C43 C50 C52 C58 C99 C222 TC3 C91 C92	CAP MLCC 10uF ±10% 6.3V X5R	MURATA	C
	CJ00106BG0008050002		106±10% 6.3V X5R (C0805X5R106K6R3NTM)	C0805	0		CAP MLCC 10uF ±10% 6.3V X5R	宇阳	C
	CJ00106BG0008050005		106±10% 6.3V X5R (CL21A106KQFNNE)	C0805	0		CAP MLCC 10uF ±10% 6.3V X5R	SAMSUNG	C
	CJ00106BG0008050091		GRM21BR60J106KE19L	C0805	0		CAP MLCC 10uF ±10% 6.3V X5R	MURATA	C
2. 22	CJ00226DG0008050005	贴片陶瓷电容	226±20% 6.3V X5R (CL21A226MQNNNE)	C0805	3	C178 C217 TC1	CAP MLCC 22uF ±20% 6.3V X5R 高度1.25mm	SAMSUNG	C
	CJ00226DG0008050002		22uF±20% 6.3V X5R (C2012X5R0J226MT000N)	C0805	0		CAP MLCC 22uF ±20% 6.3V X5R 高度1.25mm	TDK	C
	CJ00226DG0008050091		226±20% 6.3V X5R (GRM21BR60J226ME39L)	C0805	0		CAP MLCC 22uF ±20% 6.3V X5R 高度1.25mm	MURATA	C
2. 23	CN00476DG00000A0001	贴片钽电容	476±20% 6.3V (TEESVA0J476M8R)	A型	2	C216 TC2	CAP TAN 47uF ±20% 6.3V	NEC	B
	CN00476BG00000A0001		476±10% 6.3V (T491A476K006AT)	A型	0		CAP TAN 47uF ±10% 6.3V	kemet	B
	CN00476DG00000A0006		476±20% 6.3V (TCA0J476M8R-Y)	A型	0		CAP TAN 47uF ±20% 6.3V	ROHM	B
	CN00476DG00000A0002		476±20% 6.3V (F930J476MAA)	A型	0		CAP TAN 47uF ±20% 6.3V	NICHICON	B
	CN00476DG00000A0005		TCSCS0J476MAAR	A型	0		CAP TAN 47uF ±20% 6.3V	三星	B
2. 24	CN00227ZA00000V0001	贴片钽电容	TEPSLV0J227M (25)12R	V型	1	C172	220uF 7.3*4.3*1.9 V型	NEC	B

三、磁珠电感：

序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
3. 01	HB00121CH0006030001	铁氧体磁珠	PZ1608U121-2R0TF	R0603	4	FB2 FB3 FB4 FB9	120 Ω ±25%/2A(100MHz) 片式铁氧体大电流磁珠	SUNLORD	B
	HB00121CA0006030001		BLM18PG121SN1D	R0603	0		Chip Ferrite Beads	MURATA	B

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3. 02	HB001210N0012060001	铁氧体磁珠	BLM31PG121SN1L	R1206	2	FB10 FB14	Chip Ferrite Beads	MURATA	B
3. 03	HB00601CP0004020001	铁氧体磁珠	HZ1005D601TF	FB0402	4	FB8 FB1 FB5 FB6	600 Ω \pm 25% (100MHz) 片式铁氧体高频磁珠	SUNLORD	C
	HB006010E0004020001		BLM15HG601SN1D	R0402	0		Chip Ferrite Beads	MURATA	C
3. 04	HB001020K0006030013	铁氧体磁珠	HZ1608K102TF	R0603	1	FB11	IND_BEAD_1000 Ω _50mA_ \pm 25%_0603_顺络_R0	顺络	C
	HB001020K0006030001	铁氧体磁珠	BLM18HD102SN1D	R0603	0		Chip Ferrite Beads	MURATA	B
3. 05	HB002210A0008050013	铁氧体磁珠	PZ2012U221-2R0TF	R0805	2	FB12 FB13	IND_BEAD_220 Ω _2A_ \pm 25%_0805_顺络_R0	顺络	C
	HB002210Y0008050001	贴片磁珠	BLM21PG221SN1D	R0805	0		220 Ω _100MHZ_2000mA 0805	首科电子	B
3. 06	HP002R20Q0000000014	贴片功率电感	ELLVEG2R2N	3. 0mm*3. 0mm	2	PL1 PL2	2. 2uH_ \pm 30%_110m Ω 3. 0mm*3. 0mm	松下	B
	HP002R20D002D140001	贴片功率电感	PH031T-2R2MS CYNTEC	2D14	0		IND_POWER_2. 2uH_ \pm 20%_1. 3A_90m Ω _2. 9*2. 9*1. 0mm_乾坤_R0	乾坤	B
3. 07	HP002200D0000000013	贴片功率电感	PL3815F220ME-P	3D14	1	PL3	22uH_ \pm 20%_438m Ω	SEC	C
	HP000220D0000000003		YKCDRI3D14-22NT	3. 8mm*4. 0mm*1. 5mm	0		22uH \pm 20% 3. 8x3. 8x1. 6mm	研科达	C
3. 08	HH001N5EE0004020001	贴片电感	LQG15HS1N5S02D	R0402	2	L8 L10	Chip Coils For High Frequency 1.5nH +/-0. 3nH 0402	MURATA	B
3. 09	HH003N9EE0004020001	贴片电感	LQG15HS3N9S02D	R0402	1	G_L1	3. 9nH +/-5% 0402 300mA	MURATA	C
3. 10	HG004N30E0004020001	贴片电感	4. 3nH \pm 0. 3nH (LQG15HS4N3S02D)	R0402	1	L11	Chip Coils For High Frequency 4. 3nH +/-0. 3nH 0402	MURATA	B
3. 11	HH004N7EE0004020001	贴片电感	LQG15HS4N7S02D	R0402	2	L9 L12	Chip Coils For High Frequency	MURATA	B
3. 12	HH0015NEE0004020001	贴片电感	LQG15HS15NJ02D	R0402	2	L13 L15	15nH +/-5% 0402 300mA	MURATA	B
3. 13	HH0022NEE0004020001	贴片电感	LQG15HS22NJ02D	R0402	1	L7	22nH +/-5% 0402 300mA	MURATA	B

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3. 14	HH0100N0P0004020001	贴片电感	LQG15HSR10J02D	R0402	2	L1 L2	100nH ±5%	MURATA	B
四、晶体振荡器：									
序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
4. 01	XX0Q13MC1462MC14601	晶体振荡器	(Q13MC1462000200) 32. 768KHZ 20PPM 12. 5PF	7015	2	Y2 Y3	32. 768KHZ 20PPM 12. 5PF	Epson	B
	XX0000MC146MC146001		(Q13MC14610002XX) 32. 768K MC-146/12. 5PF/20PPM	7015	0		12. 5PF/20PPM	Epson	B
	XX0SSPT7F3276800001		SSP-T7F (32. 768KHZ 20PPM 12. 5PF)	7015	0		32. 768KHZ 20PPM 12. 5PF	SII	B
4. 02	XXDSB321SCA16M36766	TCX0	(DSB321SCA) 16. 367667MHZ 2. 5PPM	3225	1	G_Y1	16. 367667MHZ_2. 5PPM	KDS	A
	XX00003163676670001		(7Q16300004) 16. 367667MHZ 2. 5ppm	3225	0		16. 367667MHZ_2. 5PPM	TXC	A
	XX0T0H16367TX322501		T0H16367TX	3225	0		16. 367667MHZ 3. 2*2. 5mm±0. 2mm	INZI	A
4. 03	XXS3225024000F09BYC	晶体振荡器	24MHz/10ppm/9pF (S3225A-024000-F09-BYC-YYA)	3225	1	Y1	24MHZ_10PPM_9PF_S3225	友桂	A
	XX05YAA240000322501		5YAA240000911F60Q2	3225	0		24. 000000MHZ 3. 2*2. 5mm±0. 2mm	应达利	A
	XX0E3SB2400HCX3SB01		E3SB24. 0000F10E11	3225	0		±10PPM/10PF 3. 2*2. 5*0. 65mm±0. 1mm	鸿星	A
4. 04	XX0X1E0000210314000	晶体振荡器	26MHZ_11. 2PF_3225 (X1E000021031400)	SMD3225	1	Y4	26MHZ_11. 2pF_3225	EPSON	B
五、晶体管：									
序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
5. 01	AED193SBKT000603001	发光二极管	LIST-C193SBKT-5A(蓝色)	0603	1	LED1	LED BLUE	LITEON	C
	AED00BLUELED0603001		LED/0603/BLUE	0603	0		LED. BLUE	永济恒辉	C

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5. 02	AED193KRKT000603001	发光二极管	LIST-C193KRKT-5A (红色)	0603	1	LED2	LED RED	LITEON	C
	AED000REDLED0603001		LED/0603/RED	0603	0		高亮红色	永济恒辉	C
5. 03	AED193KGKT000603001	发光二极管	LIST-C193KGKT-5A (黄绿色)	0603	1	LED3	黄绿色	LITEON	C
	AED0GREENLED0603001		LED/0603/GREEN	0603	0		LED. GREEN	永济恒辉	C
5. 04	XD00BAT54CSOT230001	二极管	BAT54C	SOT-23	4	D1 D2 D3 D22	SOT-23 Plastic-Encapsulate Didodes	长电	B
5. 05	XD205819HWSOD123001	二极管	1N5819HW	SOD-123	3	D6 D20 D21	Schottky Barrier Rectifier	diodes	C
	SD20SS1040SOD123001		SS1040	SOD-123	0		40V/1A SURFACE MOUNT SCHOTTKY BARRIER	PANJIT	B
5. 06	XD500ZMM3V6SMD00001	稳压二极管	ZMM3V6	SOD-123	1	D23	DIODES_ZEN_3.6V_500mW_SMD_Diodes_R0	DIODES	B
5. 07	XT0MMBT3904SOT23002	贴片三极管	MMBT3904	SOT-23	6	Q1 Q2 Q3 Q8 Q9 Q13	TRANSISTOR (NPN)	长电	C
	XT0MMBT3904SOT23001		D-MMBT3904-7-F	SOT-23	0		Epitaxial Planar NPN Transistor	diodes	C
	XT0PMBT3904SOT23001		PMBT3904	SOT-23	0		NPN switching transistor	NXP	C
5. 08	XD90ESD9X5VWFBP001	TVS保护管	ESD9X5V-2/TR (50PF)	SOD-923	4	D8 D9 D10 D11	Very Small Transient Voltage Suppressors for ESD Protection	WILL	A
5. 09	XT5DMP2305USOT23001	场效应管	DMP2305U	SOT-23	3	Q5 Q10 Q11	P-CHANNEL ENHANCEMENT MODE MOSFET	DIODES	B
	XT500M12305SOT23001		MI2305	SOT-23	0		P-Channel 20V MOSFET	DIODES	B
	XT50GN2305SOT230001		GN2305	SOT-23	0		P-Channel Enhancement-Mode MOSFET (~20V, ~4.2A)	晶群	B
5. 10	XT50GN3407SOT230001	场效应管	GN3407	SOT-23	1	Q6	P-Channel Enhancement-Mod	晶群	B
	XT508033GS6SOT23001		SSC8033GS6	SOT-23	0		P-Channel Enhancement Mode MOSFET	SSC	B

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	XT5GV3407SOT233L001		GV3407	SOT-23	0		TRI_PMOS_GV3407_±20V_78mΩ_SOT-23-3L_晶群_RO	晶群	B
5.11	XT4002N7002SOT23001	场效应管	2N7002	SOT-23	2	Q4 Q7	N-channel TrenchMOS FET	NXP	B
	XT4002N7002SOT23002		2N7002	SOT-23	0		MOSFET (N-channel	长电	C
	XT4007002TSOT523001		2N7002T/R	SOT-23	0		Small Signal Mosfet N-Channel	强茂	C

六、集成电路：

序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
6.01	UC00AT550ESOTFBGA01	CPU	AT5501	BGA285	1	U1	SIRF Atlas V CPU	SIRF	A
6.02	UM60T0S002GB0TSOP02	NAND FLASH	TC58NVG4D2FTA00	TSOP-48	1	U6	MMR_MLC_2GB_8K_24bit_32nm_TSOP-48_TOSHIBA_RO	TOSHIBA	A
	UM60SAM002GBTSOP001		K9GAG08U0E-PCB0	TSOP-48	0		MMR_MLC_2GB_8K_12bit_32nm_TSOP48_SAMSUNG_RO	SAMSUNG	A
	UM60HYX004GB0TSOP03		H27UBG8T2ATR-BC	TSOP-48	0		MMR_MLC_4GB_8K_24bit_32nm_TSOP-48_HYNIX_RO	HYNIX	A
6.03	UM20VT128MB0BGA0001	DDRII SDRAM	KT1G16000413-25H	FBGA84	1	U5	64M*16bit DDR2 SDRAM	SAMSUNG	A
	UM20SAM128MBFBGA001		K4T1G164QE-HCF7	FBGA84	0		MMR_DDR2_128MB_64M*16bit_1.8V_400MHZ_?_?_FBGA-84_SAMSUNG_RO	SAMSUNG	A
6.04	UR0SE4150LR000QFN01	GPS Receiver	SE4150L-R	QFN-4X4-24	1	G_U1	GPS Receiver IC	MURATA	A
6.05	US0BCT4222A00WQFN01	多路复用开关	BCT4222A	WQFN-10	1	U27	High-Speed DPDT Analog Switch VCC Operating kange 1.65V to 4.2V 700mhz	BROADCHTP	A
	US00SGM722200WQFN01		SGM7222YWQ10/TR	WQFN-10	0		HIGH-SPEED USB 2.0 (480-Mbps) 1:2 MULTIPLEXER/DEMULTIPLEXER SWITCH	圣邦微	A
	US0TS3USB3000TQFN01		TS3USB30ERSWR	TQFN-RSW	0		ESD PROTECTED, HIGH-SPEED USB 2.0 (480-Mbps) 1:2 MULTIPLEXER/DEMULTIPLEXER	TI	A
	US0SGM7228YWQ10WQFN		SGM7228YWQ10G/TR	WQFN-10	0		IC_SGM_High Speed USB 2.0 (480Mbps) DPDT Analog Switch_WQFN-10_圣邦微_RO	圣邦微	A

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6. 06	UZ0EUP8010B00TDFN01	电源管理IC	EUP8010B-J1R1	TDFN-10	1	U29	IC_PWM_LinearLi-Ion/polymer charger IC with integrated fet and charger timer_TDFN-10_Eutech_ROHS	EUTECH	A
6. 07	UJ00ALC56250QFN4801	音频CODEC	ALC5625-GR	QFN48-TH1	1	U10	I2S AUDIO CODEC + VOICE PCM INTERFACE + ACOUSTIC ECHO CANCELLATION		A
6. 08	UL0HC1G125GSOT35301	逻辑IC	74HC1G125GW	SOT353	1	U3	Single BUS buffer Gate	NXP	A
	UL0LVC1G12500SC7501		SN74LVC1G125DCKR	SC70-5	0		Single BUS buffer Gate	TI	A
6. 09	XT90CJ43100SOT23001	三端稳压器	CJ431	SOT-23	1	U25	SOT-23 Encapsulate Adjustable Reference Source	长电	B
	XT9TL431ASSOT233001		TL431ASF	SOT-23 3L	0		PROGRAMMABLE PRECISION SHUNT REGULATOR	HTC	B
6. 10	XF2NFA21SL207X1A001	三端子滤波器	NFA21SL207X1A48L	MEA2010	1	RA7	Chip EMIFILr LC Combined Array Type		
6. 11	XF1B39162B9444M4100	声表滤波器	B39162-B9444-M410	QCS5A	2	G_FL1 G_FL2		EPCOS	B
	XF1SAFE1G57KE0F00R14		SAFE1G57KE0F00R14	QCS5A	0		1.575GHZ	MURATA	B
6. 12	XF1SAFEA881MFL0F00R	声表滤波器	SAFEA881MFL0F00R12	QCS5A	1	U24	SAW FILTER FOR GSM	MURATA	B
6. 13	XF1SAFEA1G96FA0F001	声表滤波器	SAFEA1G96FA0F00R12	QCS5A	1	U21	SAW FILTER FOR GSM	MURATA	B
6. 14	XF1SAWEP942MCN0F00R	声表滤波器	SAWEP942MCN0F00R12	QCS10V	1	U22	SAW FILTER FOR GSM	MURATA	B
6. 15	UZ0APW7136CSOT23601	背光IC	APW7136CCI-TRL	SOT23-6	1	U13	1MHZ, High-Efficiency, step-up converter for 2to 8 white LEDS	茂达	A
6. 16	UV0BL9193300SOT2301	LDO	BL9193-30BAPRN	SOT23-5	3	U4 U9 U14	3.0V	贝岭	B
	UG0VA7318LFRSOT2301		VA7318LFR-3.0V	SOT23-5	0		3.0V	中星微	B
	UV0RT9193300SOT2301		RT9193-30GB(公司消呆物料)	SOT23-5	0		3.3V LDO Regurator	RICHTEK	B
6. 17	UVSGM200730XN5SOT23	LDO	SGM2007-3.0XN5/TR	SOT-23-5	1	G_U2	3.0V	中星微	B

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6. 18	UV0VRH2801NTSOT2501	LDO	VRH2801NTX	SOT-23-5	1	U23	250ma protect current300ma	AnaSem	A
	UV0R1114N280SOT2501		R1114N281D	SOT-23-5	0		LOW NOISE 150mA/2.8V LDO REGULATOR	RICOH	A
6. 19	UR00KT0806QFN160001	FM IC	KT0806	KT0806	1	U11	FM 发射IC	KTMICRO	A
6. 20	MM00AT88SC0104CA001	加密IC	AT88SC0104CA-SU	S0IC-8	1	U2	CryptoMemory 1 Kbit（已烧程序）	ATMEL	A
	MM0AT88SC01040A4001		AT88SC0104C-SU	SOP-8	0		CryptoMemory 1 Kbit（已烧程序）	ATMEL	A
6. 21	UJOBH1600FVOWSOF601	light-sensor	BH1600FVC	WSOF6	1	U15	Analog Output Ambient Light Sensor IC	ROHM	A
6. 22	UMZ0SAM064MB0FBGA01	MCP	K5L6331CAA-D270	FBGA-56	1	U16	64Mb NOR Flash + 32Mb UtrAM	SAMSUNG	A
6. 23	UZ000MT6223DA000001	基带IC	MT6223DA	MT6223-224/P0. 5/B0. 27 (9X9)	1	U17	MTK' s GSM/GPRS Baseband processor;32bit ARM7E-S RISE processor;Frequency: 52MHz	MTK	A
6. 24	UROSK77547000000001	射频功放IC	SKY77547	SKY77531	1	U19	a transmit and receive front-end module (FEM) with Integrated Power Amplifier Control (iPAC™) for quad-band cellular handsets四频天线开关+PA	SKYWORKS	A
6. 25	UROAD6548BCPZRLFCSP	射频收发IC	AD6548BCPZ-RL	FCSP-32	1	U20	GSM850/900/1800/1900 Single Chip GSM Radio	GSM850/900/1800/1900 Single Chip GSM	A
6. 26	USOSGM4459900TQFN01	ANALOG SWITCH	SGM44599YTQ16/TR	TQFN16	1	U18	4Ω, High Speed, Low Voltage Dual, DPDT Analog Switch	圣邦微	A
七、开关/插座/连接器：									
序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
7. 01	CN90000BL11440RU001	FPC插座	BL114-40RU (厚度1. 2MM)		1	CON4		日慎精工	A
	CN9TF11440RUTAND001		TF114-40RUTAN		0		40PIN超薄, 上接.	东一部品	A
7. 02	CN9000000USBB5V1R001	USB插座	USB-B5-V1R		1	CON8		快乐电子	B
	CN90USB112PBCU00001		USB-112-P-B-CU		0			皓宇	B

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7.03	CN3000000TF01AM1001	TF 卡座	TF01A-M1		1	CON1	8PIN, 1.1MM间距	快乐电子	A
	CN3000SK10056619001		SK10056619		0		T-FLASH CARD HEADER	FCI	A
7.04	CN300SPPN08A0108001	SIM卡座	SPPN08-A0-1080		1	CON5	CONN_SIM_8PIN_26.30*19.30mm_SMD_钼航_R0	钼航	B
7.05	CN20000KJ3815PX1001	耳机插座	KJ-381-5P-X1		1	CON2		快乐电子	A
	CN90PJ381F000000001		PJ-381F		0			皓宇	A
7.06	CK00000T05215FK1001	轻触开关	T052-15F-K1		1	SW1	Tact Switch	快乐电子	B
	CK0000000TC1316A001		TC-1316A		0		L*W*H=5.2*5.2*1.5mm	新虹	B
7.07	CN90000000TC1313001	轻触开关	TC-1313		2	SW2 SW3		新虹	B
	CK00000000T024R3001		T024-R3		0				
7.08	CN900MM84302600B001	射频连接器	MM8430-2610		1	CON7	2.5x2.5x1.4mm	MURATA	B
	CN900C9010100040001		C90-101-0004		0		50Ω Frequency: DC~6GHz;VSWR≤1.3;IL≤0.2dB;Isolation>15dB		B
八、屏蔽罩									
序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
8.01	MS00PF10V1CPU003002	CPU屏蔽框	44.82*24.19*1.4mm		1		SHIELDING_FRAME_PF10V1/CPU屏蔽框_44.82*24.19*1.4mm_马口铁_金爵_R0	金爵	B
8.02	MS00PF10V1CPU003001	CPU屏蔽罩	44.92*24.29*1.25mm		1		SHIELDING_CAN_PF10V1/CPU屏蔽罩_44.92*24.29*1.25mm_不锈钢_金爵_R0	金爵	B
8.03	MSPF10V1CPUDC003002	CPU/DC屏蔽框	50.45*33.77*2mm		1		SHIELDING_FRAME_PF10V1CPU/DC屏蔽框_50.45*33.77*2mm_马口铁_金爵_R0	金爵	B
8.04	MSPF10V1CPUDC003001	CPU/DC屏蔽罩	50.55*33.87*1.5mm		1		SHIELDING_CAN_PF10V1CPU/DC屏蔽罩_50.55*33.87*1.5mm_不锈钢_金爵_R0	金爵	B

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8. 05	MSPF10V1GPSRF003002	GPS/RF屏蔽框	21. 9*14. 55*1. 8mm		1		SHIELDING_FRAME_PF10V1GPS/RF屏蔽框_21. 9*14. 55*1. 8mm_马口铁_金爵_RO	金爵	B
8. 06	MSPF10V1GPSRF003001	GPS/RF屏蔽罩	22*14. 65*1. 5mm		1		SHIELDING_CAN_PF10V1GPS/RF屏蔽罩_22*14. 65*1. 5mm_马口铁_金爵_RO	金爵	B
8. 07	MSPF10V1GSMRF003002	GSM/RF屏蔽框	35. 06*15. 4*1. 8mm		1		SHIELDING_FRAME_PF10GSM/RF屏蔽框_35. 06*15. 4*1. 8mm_马口铁_金爵_RO	金爵	B
8. 08	MSPF10V1GSMRF003001	GSM/RF屏蔽罩	35. 16*15. 5*1. 5mm		1		SHIELDING_CAN_PF10V1GSM/RF屏蔽罩_35. 16*15. 5*1. 5mm_不锈钢_金爵_RO	金爵	B
8. 09	MSPF10V1CODEC003002	CODEC屏蔽框	21. 89*14. 41*1. 8mm		1		SHIELDING_FRAME_PF10V1/CODEC屏蔽框_21. 89*14. 41*1. 8mm_马口铁_金爵_RO	金爵	B
8. 10	MSPF10V1CODEC003001	CODEC屏蔽罩	21. 99*14. 51*1. 5mm		1		SHIELDING_CAN_PF10V1/CODEC屏蔽罩_21. 99*14. 51*1. 5mm_马口铁_金爵_RO	金爵	B
8. 11	MSPF10V1GSMBB003002	GSM/BB屏蔽框	35. 13*12. 1*1. 8mm		1		SHIELDING_FRAME_PF10V1GSM/BB屏蔽框_35. 13*12. 1*1. 8mm_马口铁_金爵_RO	金爵	B
8. 12	MSPF10V1GSMBB003001	GSM/BB屏蔽罩	35. 23*12. 2*1. 5mm		1		SHIELDING_CAN_PF10V1GSM/BB屏蔽罩_35. 23*12. 2*1. 5mm_马口铁_金爵_RO	金爵	B
8. 13	MSPF10V1GSMANT03002	GSM/ANT屏蔽框	32. 1*29. 05*2mm		1		SHIELDING_FRAME_PF10V1GSM/ANT屏蔽框_32. 1*29. 05*2mm_马口铁_金爵_RO	金爵	B
九、PCB									
序号	物料编码	元件名称	元件参数/型号	元件封装	数量	元件编号	备注	品牌	等级
9. 01	EB000PF100V10000003	PCB主板	PF10_V1 拼板尺寸219. 5*136. 5mm		1		PCB_HDI_PF10_V1_单板尺寸123. 5*76mm_6层板-板厚1. 0mm_4拼板_拼板尺寸219. 5*136. 5mm_博敏_RO	博敏	A
	EB000PF100V10000002		PF10_V1 拼板尺寸219. 5*136. 5mm		0		PCB_HDI_PF10_V1_单板尺寸123. 5*76mm_6层板-板厚1. 0mm_4拼板_拼板尺寸219. 5*136. 5mm_博敏_RO	生益	A
9. 02	CD00DAS1575R18C1246	陶瓷片	DAS1575R18C12-PF10		1		ANT_CHIP_GPSPF10_1575MHZ_18*18*2mm_正源_RO	正源	A