

Material No.	Description	Qty.	Part No.	Position
3001050000000	Chip resistor RTT02/RC0402 0Ω J 1/16W -55~+155℃ 0402 RALEC/YAGE0	9	C9001	T4C
	(RoHS)		L1003	B5J
			R211	B3I
			R254	T2J
			R523	B2C
			R525	T2B
			R528	T2C
			R836	T5J
			R9102	T2C
3001051010000	Chip resistor RTT02/RC0402 100Ω J 1/16W -55~+155℃ 0402 RALEC/YAGE0	14	R111	B2G
	(RoHS)		R119	B2F
			R220	T2I
			R221	T2I
			R222	T2I
			R267	T2J
			R268	B3H
			R269	T4G
			R521	B1C
			R522	B1C
			R9012	T2E
			R9013	T2E
			R9017	T2D
			R9039	B1E
3001051010040	Chip resistor RTT02/RC0402 100Ω F 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R704	B3H
	(RoHS)		R713	B3G
3001051020000	Chip resistor RTT02/RC0402 1KΩ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	29	R101	T2G
	(RoHS)		R104	T2F
			R113	T1G
			R114	T2F
			R135	T2G
			R141	T1G
			R147	B4I

			R149	T2F
			R150	B3H
			R212	B4I
			R213	B4I
			R270	B4J
			R273	B4J
			R276	B4I
			R333	T2J
			R627	T5I
			R630	T5I
			R632	B5H
			R701	B3H
			R827	T3K
			R831	B4K
			R832	T2K
			R833	B4K
			R834	T3K
			R838	T2K
			R9011	T5D
			R9033	B2D
			R9038	B2D
			R9040	B4H
3001051030010	Chip resistor MCR01MZPF1002 10K $\Omega$ F 1/16W -55~+155℃ 0402 ROHM(RoHS)	2	R705	B3H
			R706	B3H
3001051030050	Chip resistor RTT02/RC0402 10K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGEO	38	R102	B2F
	(RoHS)		R105	B2H
			R122	B2G
			R129	B2H
			R133	T2H
			R142	B2H
			R208	T2J
			R210	B3I
			R258	B6I

			R264	B2I
			R277	T4I
			R281	B4I
			R282	B4I
			R329	T1I
			R330	T1I
			R402	B4G
			R405	T4G
			R410	B3F
			R415	T3H
			R514	T2B
			R520	B1C
			R611	B3E
			R612	T4K
			R711	B4G
			R714	B4G
			R808	T3K
			R809	T3K
			R810	T3K
			R811	T3K
			R823	T2J
			R837	T5J
			R839	T3J
			R840	T5I
			R841	T5J
			R9006	T3B
			R9035	T1F
			R9036	B2E
			R9081	B4E
3001051040000	Chip resistor RTT02/RC0402 100K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGEO	24	R109	B3H
	(RoHS)		R123	B2G
			R251	T2J
			R301	B6I

			R304	B6I
			R305	B6G
			R342	B4J
			R343	B4J
			R412	T3H
			R506	T2B
			R507	T2B
			R509	T2C
			R614	B4G
			R633	B4H
			R709	B3H
			R710	B3H
			R835	B3J
			R9051	T4D
			R9052	T5D
			R9060	T4D
			R9061	T5C
			R9062	T5C
			R9065	T5C
			R9085	B4E
3001051050000	Chip resistor RTT02/RC0402 1M $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	4	R613	B4F
	(RoHS)		R616	B5F
			R9045	B2D
			R9058	B1D
3001051220000	Chip resistor RTT02/RC0402 1.2K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R404	T4G
	(RoHS)			
3001051510000	Chip resistor RTT02/RC0402 150 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R403	B3G
	(RoHS)		R9016	T2D
3001051520000	Chip resistor RTT02/RC0402 1.5K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	4	R260	B2I
	(RoHS)		R9008	T1E
			R9066	B4E
			R9091	T2E
3001051530010	Chip resistor RTT02/RC0402 15K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	5	R261	B2I

	(RoHS)		R262	B2I
			R515	T2B
			R631	B5H
			R828	T2K
3001051540000	Chip resistor RTT02/RC0402 150K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R9048	B2D
	(RoHS)		R9057	B1D
3001051810010	Chip resistor RTT02/RC0402 180 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R115	B1G
	(RoHS)		R121	B2G
3001051820000	Chip resistor RTT02/RC0402 1.8K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R413	T3H
	(RoHS)			
3001051840000	Chip resistor RTT02/RC0402 180K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	5	R802	T4K
	(RoHS)		R803	T4K
			R812	T3J
			R813	T3J
			R814	T4J
3001051850000	Chip resistor RTT02/RC0402 1.8M $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R335	T2J
	(RoHS)		R336	T2J
3001052030000	Chip resistor RTT02/RC0402 20K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R607	T4K
	(RoHS)		R807	T4J
3001052200000	Chip resistor RTT02/RC0402 22 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9022	T2E
	(RoHS)			
3001052210000	Chip resistor RTT02/RC0402 220 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9031	T2D
	(RoHS)			
3001052220000	Chip resistor RTT02/RC0402 2.2K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R140	T1H
	(RoHS)			
3001052710010	Chip resistor RTT02/RC0402 270 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	4	R9001	B5E
	(RoHS)		R9003	B5E
			R9025	T4D
			R9028	T4D
3001052720010	Chip resistor RTT02/RC0402 2.7K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	5	R124	B2G
	(RoHS)		R125	B2H
			R128	B2H
			R414	T3H

			R9096	T2F
3001052730000	Chip resistor RTT02/RC0402 27K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R634	B4H
	(RoHS)		R9032	T4C
3001053300000	Chip resistor RTT02/RC0402 33 $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	5	R138	T1H
	(RoHS)		R207	T2J
			R255	B2I
			R259	B2I
			R266	T2J
3001053310000	Chip resistor RTT02/RC0402 330 $\Omega$ F 1/16 -55~+155℃ 0402 RALEC/YAGE0	4	R107	B2F
	(RoHS)		R9015	T2E
			R9063	T4D
			R9071	B4E
3001053320000	Chip resistor RTT02/RC0402 3.3K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	14	R108	B2G
	(RoHS)		R117	B2F
			R143	B2F
			R144	B3F
			R327	T2I
			R328	T2I
			R9019	T2E
			R9042	T2F
			R9044	T2F
			R9068	B2E
			R9078	B4E
			R9095	T2F
			R9097	T2E
			R9098	T2E
3001053330000	Chip resistor RTT02/RC0402 33K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	8	R145	B1H
	(RoHS)		R146	B1H
			R707	B4G
			R830	T2K
			R9037	T4D
			R9043	B2D
			R9047	B1D

			R9079	B4E
3001053910000	Chip resistor RTT02/RC0402 390 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	3	R408	B3F
	(RoHS)		R411	B3G
			R9029	T2D
3001053920000	Chip resistor RTT02/RC0402 3.9K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9023	T2D
	(RoHS)			
3001054700010	Chip resistor RTT02/RC0402 47 $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R136	T1H
	(RoHS)		R9021	T1E
3001054720000	Chip resistor RTT02/RC0402 4.7K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	8	R116	B3F
	(RoHS)		R306	B6G
			R307	B6G
			R308	B6G
			R409	B3F
			R508	B2C
			R9020	T1F
			R9041	B1E
3001054730010	Chip resistor RTT02/RC0402 47K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	3	R621	B4H
	(RoHS)		R635	B4H
			R9050	B1D
3001054740010	Chip resistor RTT02/RC0402 470K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	4	R619	B5F
	(RoHS)		R829	T3J
			R9046	B2D
			R9059	B1D
3001055100020	贴片电阻 MCR01MZPF051R0 51 $\Omega$ F 1/16W -55~+155℃ 0402 Rohm(RoHS)	2	R401	T2G
			R9075	B4E
3001055110000	Chip resistor RTT02/RC0402 510 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R112	B2F
	(RoHS)			
3001055130000	Chip resistor RTT02/RC0402 51K $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R120	B2G
	(RoHS)			
3001055600000	Chip resistor RTT02/RC0402 56 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9009	T1D
	(RoHS)			
3001055610000	Chip resistor RTT02/RC0402 560 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9049	T5D
	(RoHS)			

3001055620000	Chip resistor RTT02/RC0402 5.6K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	5	R106	B2F
	(RoHS)		R132	T1G
			R148	T2G
			R9002	T2E
			R9034	T5D
3001055630000	Chip resistor RTT02/RC0402 56K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9084	B4E
	(RoHS)			
3001055690000	Chip resistor RTT02/RC0402 5.6 $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9005	B5E
	(RoHS)			
3001056810000	Chip resistor RTT02/RC0402 680 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9018	T2E
	(RoHS)			
3001056820000	Chip resistor RTT02/RC0402 6.8K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	2	R9024	T2D
	(RoHS)		R9067	B3E
3001056830000	Chip resistor RTT02/RC0402 68K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R702	B3G
	(RoHS)			
3001058200000	Chip resistor RTT02/RC0402 82 $\Omega$ F 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R9007	T2E
	(RoHS)			
3001058210000	Chip resistor RTT02/RC0402 820 $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	1	R416	T3H
	(RoHS)			
3001058220000	Chip resistor RTT02/RC0402 8.2K $\Omega$ J 1/16W -55~+155℃ 0402 RALEC/YAGE0	4	R110	B2G
	(RoHS)		R118	B3G
			R407	B3G
			R9027	T2D
3001060000000	Chip resistor RTT03/RC0603 0 $\Omega$ J 1/10W -55~+155℃ 0603 RALEC/YAGE0	5	L101	B2F
	(RoHS)		L309	B2I
			L310	B2I
			L9017	T4E
			L9018	T4E
3005051010010	Integrated resistor RTA02/YC124 100 $\Omega$ J 1/16W -55~+125℃ 4*0402	1	RN258	B3I
	RALEC/YAGE0 (RoHS)			
3005051040000	Integrated resistor RTA02/YC124 100K $\Omega$ J 1/16W -55~+125℃ 4*0402	2	RN502	T2B
	RALEC/YAGE0 (RoHS)		RN503	T2B
3005054730000	Integrated resistor RTA02/YC122 47K J 1/10W -55~+125℃ 2*0402	1	RN101	B1H



	RALEC/YAGEO (RoHS)			
3099080398010	Chip resistor RTT06/RC1206 0.39Ω F 1/4W -55~+155℃ 1206 RALEC/YAGEO	3	R9053	B3D
	(RoHS)		R9054	B3D
			R9055	B3D
3101050100030	Chip capacitor GRM1555C1H1R0BZ01D 1PF B 50V COG 0402 MURATA (RoHS)	2	C197	T2G
			C520	T3B
3101050200010	Chip capacitor GRM1555C1H2R0BZ01D 2PF B 50V COG 0402 MURATA (RoHS)	1	C192	T2G
3101050300000	Chip capacitor GRM1555C1H3R0BZ01D 3PF B 50V COG 0402 MURATA (RoHS)	4	C188	T1G
			C195	T1G
			C532	B3B
			R103	B2F
3101050400010	Chip capacitor GRM1555C1H4R0BZ01D 4PF B 50V COG 0402 MURATA (RoHS)	1	C122	B2G
3101050500010	Chip capacitor GRM1555C1H5R0BZ01D 5PF B 50V COG 0402 MURATA (RoHS)	4	C114	T2F
			C115	T2F
			C9027	T1D
			C9032	T1D
3101050600010	Chip capacitor GRM1555C1H6R0BZ01D 6PF B 50V COG 0402 MURATA (RoHS)	3	C143	B2G
			C452	T4H
			C9106	T5C
3101051800010	Chip capacitor GRM1555C1H180JZ01J 18PF J 50V COG 0402 MURATA (RoHS)	9	C109	T2G
			C194	T2G
			C536	B3C
			C541	B2C
			C542	B1B
			C9029	T2E
			C9056	T5E
			C9099	B3E
			C9111	T4D
3101050900000	Chip capacitor GRM1555C1H9R0BZ01D 9PF B 50V COG 0402 MURATA (RoHS)	2	C9102	T5C
			C9109	T5C
3101051000020	Chip capacitor GRM1555C1H100JZ01D 10PF J 50V COG 0402 MURATA (RoHS)	4	C107	B2F
			C116	T2F
			C9084	T4C

			C9124	B4E
3101051010030	Chip capacitor GRM1555C1H101JZ01D 100PF J 50V COG 0402 MURATA (RoHS)	13	C173	T2H
			C300	T2J
			C428	T3G
			C429	T3G
			C438	T3G
			C439	T3H
			C530	T3C
			C553	T2C
			C602	B3E
			C616	B3D
			C620	B2E
			C805	T4K
			C806	T4K
3101051020010	Chip capacitor GRM36X7R102K50PT 1000PF K 50V X7R 0402 MURATA (RoHS)	63	C103	B2F
			C104	B2F
			C108	B2F
			C118	B2G
			C120	B2G
			C124	B2G
			C126	T1G
			C135	T1G
			C136	B3F
			C137	B1H
			C139	B3G
			C142	B2F
			C155	T2G
			C156	B2H
			C159	B2G
			C161	B2G
			C162	B1H
			C163	T2H
			C168	T2H

			C170	T2H
			C172	T1H
			C180	T1H
			C183	T1H
			C184	B1H
			C193	T2G
			C202	T3H
			C206	T3H
			C211	T3H
			C533	T2C
			C534	B2C
			C535	B2C
			C540	B1C
			C544	B3B
			C555	T3C
			C705	B3G
			C709	T2H
			C9014	T1C
			C9016	T4D
			C9018	T2E
			C9025	T2E
			C9033	T1D
			C9034	T2E
			C9035	T2D
			C9036	T2D
			C9037	T1E
			C9039	T2D
			C9042	T4D
			C9045	T2E
			C9047	T2D
			C9050	T2D
			C9059	B2D
			C9061	B2D

			C9064	B2D
			C9067	B1D
			C9075	T2F
			C9085	B4E
			C9093	T2E
			C9096	T2F
			C9098	T2F
			C9103	B3E
			C9121	B4E
			C9126	T5C
			C9131	T4D
3101051030020	Chip capacitor GRM155R71E103KA01D 0.01UF K 25V X7R 0402 MURATA(RoHS)	29	C174	T2H
			C215	B4I
			C251	B3I
			C426	T3G
			C436	T3G
			C440	T3H
			C442	T3H
			C447	T3G
			C449	T3G
			C453	T3G
			C454	T4G
			C457	B3E
			C539	T1C
			C543	B2C
			C554	T3C
			C619	T5G
			C819	T4J
			C822	T2K
			C826	T3K
			C827	T2K
			C837	T3J
			C9044	T2D

			C9066	B2D
			C9068	T4D
			C9072	T5D
			C9090	B4E
			C9110	B4E
			C9123	T5C
			C9128	T5C
3101051040060	Chip capacitor GRM155R71C104KA88D 0.1UF K 16V X7R 0402 MURATA (RoHS)	94	C102	B2F
			C105	B1H
			C117	B2G
			C121	B2G
			C138	B3G
			C141	B2F
			C164	T2H
			C166	T1H
			C167	T2H
			C169	T2H
			C179	T2H
			C182	B2H
			C213	B2J
			C214	B2J
			C219	B4J
			C220	B2J
			C238	B4J
			C239	B3I
			C240	B3I
			C250	B3I
			C253	B4I
			C306	B6H
			C310	T1I
			C311	T2I
			C315	T2J
			C329	B4J

			C331	B4K
			C422	T2G
			C430	T3G
			C433	T3G
			C434	T3G
			C441	T3H
			C445	T3G
			C446	T3G
			C462	B3F
			C465	B4F
			C466	T4G
			C546	B2C
			C547	B1B
			C551	T1C
			C552	T2C
			C560	T3C
			C561	T2C
			C604	B2E
			C607	B2E
			C608	B3F
			C615	B1D
			C617	B2E
			C618	B3E
			C622	B2E
			C625	B2E
			C626	B2E
			C630	T4F
			C635	B5H
			C639	T5I
			C642	B5F
			C647	B5G
			C651	B5G
			C652	B4F

			C656	B5G
			C658	T5G
			C659	B5G
			C668	B4G
			C671	B4H
			C679	T4H
			C682	T5H
			C688	B4G
			C690	B4F
			C801	T4K
			C809	T4K
			C810	T3K
			C817	T4K
			C820	T3K
			C833	T3K
			C836	T2K
			C839	T3K
			C845	T2K
			C850	T2K
			C9020	T5D
			C9038	T2D
			C9041	T2D
			C9043	T4D
			C9046	T2E
			C9049	T2D
			C9057	T4D
			C9071	B1D
			C9082	T4D
			C9086	B3E
			C9091	B4E
			C9092	T2F
			C9097	B4E
			C9104	B3E

			C9120	T4D
			C9127	T5C
3101051050160	Chip capacitor GRM155R61A105KE15D 1uF K 10V X5R 0402 MURATA (RoHS)	36	C1001	B5J
			C1003	B5J
			C1005	B5J
			C1006	B5J
			C1007	B5J
			C1014	B5I
			C1015	B5I
			C1016	B5I
			C1017	B5I
			C1018	B5J
			C1019	B4J
			C1020	B4I
			C1021	B5I
			C154	B2G
			C222	B4I
			C229	B3J
			C236	B2J
			C247	B3K
			C332	T5I
			C423	B3F
			C556	B3C
			C559	T1C
			C605	B2E
			C623	B2E
			C706	B4H
			C707	B4G
			C711	B3G
			C712	B3H
			C831	T2K
			C832	T3K
			C834	T3J



			C842	T5J
			C847	T2K
			C852	T5J
			C9095	T2E
			C9100	T2F
3101051200020	Chip capacitor GRM1555C1H120JZ01D 12PF J 50V COG 0402 MURATA (RoHS)	7	C1010	B4J
			C131	B2F
			C274	B6H
			C9028	T1D
			C9083	T5D
			C9115	T5E
			C9116	T4E
3101051210000	Chip capacitor GRM1555C1H121JZ01D 120PF J 50V COG 0402 MURATA (RoHS)	1	C9088	T5D
3101051390010	Chip capacitor GJM1555C1H1R3CB01 1.3PF C 50V COG HQ 0402 MURATA (RoHS)	1	C538	B3C
3101051500020	Chip capacitor GRM36COG150J50PT 15PF J 50V COG 0402 MURATA(RoHS)	5	C1011	B4I
			C127	T2G
			C9105	B5E
			C9107	B5E
			C9130	T5C
3101051510000	Chip capacitor GRM36COG151J50 150PF J 50V COG 0402 MURATA(RoHS)	1	C190	T2G
3101051520000	Chip capacitor GRM155R71H152K 1500PF K 50V X7R 0402 MURATA(RoHS)	4	C201	B4I
			C223	B3I
			C246	B3J
			C9065	B1D
3101051590000	Chip capacitor GRM1555C1H1R5BZ01D 1.5PF B 50V 0402 COG MURATA (RoHS)	2	C518	T3B
			C521	T3B
3101052000020	Chip capacitor GRM36COG200J50PT 20PF J 50V COG 0402 MURATA(RoHS)	6	C203	T1J
			C204	T1J
			C464	B3G
			C644	T4G
			C672	T5G
			C9087	T5C
3101052200010	Chip capacitor GRM36COG220J50PT 22PF J 50V COG 0402 MURATA(RoHS)	6	C198	T2F

			C420	B3E
			C531	B3C
			C9058	T5D
			C9112	T5D
			C9129	T5C
3101052210010	Chip capacitor GRM155R71H221KA01D 220PF K 50V X7R 0402 MURATA (RoHS)	7	C132	B1G
			C160	B2H
			C427	T3G
			C431	T3G
			C645	T4G
			C674	T4G
			C708	B3G
3101052230000	Chip capacitor GRM155R71C223KA01D 0.022UF K 16V X7R 0402 MURATA (RoHS)	1	C1009	B4I
3101052240010	Chip capacitor GRM155F51C224ZA01D 0.22UF Z 10V Y5V 0402 MURATA (RoHS)	16	C210	T4H
			C212	B3I
			C216	B3J
			C218	B4J
			C221	B4I
			C226	B3J
			C230	B3J
			C234	B2I
			C242	T2J
			C545	T2C
			C640	T5I
			C677	B5G
			C702	B4H
			C803	T4K
			C821	T2J
			C824	T2J
3101052400010	Chip capacitor GRM1555C1H240JZ01D 24PF J 50V J COG 0402 MURATA (RoHS)	1	C9101	B5E
3101052700000	Chip capacitor GRM1555C1H270J 27PF J 50V COG 0402 MURATA (RoHS)	2	C186	T2F
			C9015	T4C
3101052710000	Chip capacitor GRM1555C1H271JA01D/C1005C0G1H271JT 270PF J 50V COG 0402	11	C151	B2G

	MURATA/TDK (RoHS)		C175	T1H
			C207	T3H
			C284	T2I
			C304	T2J
			C308	T2J
			C309	T2J
			C470	T4G
			C471	T4G
			C473	T4G
			C804	T4K
3101053000010	Chip capacitor GRM1555C1H300JZ01D 30PF J 50V COG 0402 MURATA (RoHS)	2	C119	T2F
			C189	T1G
3101053300000	Chip capacitor GRM1555C1H330JZ01D 33PF J 50V COG 0402 MURATA (RoHS)	1	C537	B3C
3101053310030	Chip capacitor GRM1555C1H331JA01D 330PF COG J 50V COG 0402 MURATA (RoHS)	4	C110	T1G
			C176	T1H
			C196	T1G
			C208	T3H
3101053900000	Chip capacitor GRM1555C1H390JZ01D 39PF J 50V COG 0402 MURATA (RoHS)	3	C443	T3H
			C9040	T1C
			C9125	T5D
3101053920000	Chip capacitor GRM155R71H392KA01D 3900PF K 50V X7R 0402 MURATA (RoHS)	24	C209	T4H
			C227	B3K
			C231	B3I
			C237	B2J
			C245	B2J
			C248	B4I
			C249	B2I
			C282	T3J
			C289	T2I
			C290	B4I
			C638	T4H
			C650	B5H
			C662	B5H

			C666	T5H
			C684	B4H
			C686	B5F
			C687	B5H
			C692	B4F
			C808	T3K
			C813	T3K
			C841	T3K
			C844	T3K
			C846	T5J
			C849	T5I
3101054700010	Chip capacitor GRM36COG470J50PT 47PF J 50V COG 0402 MURATA(RoHS)	11	C217	T2J
			C233	T2I
			C252	B4I
			C278	B3H
			C279	B3H
			C280	B3H
			C283	B3I
			C425	B4G
			C9052	T5C
			C9089	T5C
			C9108	T5C
3101054710010	Chip capacitor GRM155R71H471KA01D 470PF K 50V X7R 0402 MURATA (RoHS)	43	C101	B3F
			C187	T1G
			C191	T2G
			C228	B3J
			C232	B4J
			C243	B3J
			C244	B3K
			C281	B4H
			C287	T2I
			C288	B4H
			C291	B4J

			C292	B4I
			C293	B3I
			C294	B4J
			C295	B4I
			C297	B4I
			C298	B4I
			C299	B4I
			C301	T3J
			C302	T3J
			C303	T2J
			C305	T2J
			C307	T2J
			C459	B4F
			C474	B3F
			C680	T4H
			C681	T5H
			C685	B5F
			C689	B4F
			C691	T4J
			C703	B3H
			C704	B3H
			C835	B4K
			C838	T2K
			C840	T5J
			C843	T5I
			C848	T5I
			C851	B4K
			C853	T5J
			C9048	T2D
			C9069	B2D
			C9081	T4D
			C9117	T4D
3101054720000	Chip capacitor GRM36X7R472K50PT 4700PF K 50V X7R 0402 MURATA(RoHS)	1	C9063	B1D

3101054730040	Chip capacitor GRM155R71C473KA01D 47nF K 16V X7R 0402 MURATA (RoHS)	1	C1004	B5J
3101054790040	Chip capacitor GJM1555C1H4R7BB01 4.7PF B 50V COG HQ 0402 MURATA (RoHS)	1	C9133	T5E
3101055600000	Chip capacitor GRM1555C1H560JZ01D 56PF J 50V COG 0402 MURATA (RoHS)	4	C9113	T4D
			C9114	T5D
			C9118	B3E
			C9122	B3E
3101055610000	Chip capacitor C1005X7R1H561KT 560PF K 50V X7R 0402 TDK (RoHS)	2	C285	T2I
			C286	T2I
3101055690110	Chip capacitor GJM1555C1H5R6BB01D 5.6PF B 50V COG HQ 0402 MURATA (RoHS)	1	C614	B3D
3101058200000	Chip capacitor GRM1555C1H820J 82PF J 50V COG 0402 MURATA(RoHS)	2	C100	T2G
			C9141	B5E
3101060500010	Chip capacitor GRM1885C1H5R0BZ01D 5PF B 50V COG 0603 MURATA (RoHS)	2	C125	B1G
			C144	B2G
3101060600010	Chip capacitor GRM1885C1H6R0BZ01D 6PF B 50V COG 0603 MURATA(RoHS)	1	C147	B3G
3101060900010	Chip capacitor GRM1885C1H9R0BZ01D 9PF B 50V COG 0603 MURATA(RoHS)	1	C456	B4G
3101061000000	Chip capacitor GRM1885C1H100JA01D 10PF J 50V COG 0603 MURATA (RoHS)	2	C9003	T4C
			C9023	T3C
3101061010010	Chip capacitor GRM1885C1H101JA01B 100PF J 50V COG 0603 MURATA(RoHS)	1	C9009	T3D
3101061020000	Chip capacitor GRM188R71H102KA01D 1000PF K 50V X7R 0603 MURATA(RoHS)	2	C9013	T4C
			C9060	B1D
3101061050060	Chip capacitor GRM188R61A105KA61D 1UF K 10V X5R 0603 MURATA (RoHS)	4	C648	B5G
			C669	B4G
			C683	B5G
			C816	T3J
3101061230000	Chip capacitor GRM188R71E123KA01D 0.012UF K 25V X7R 0603 MURATA (RoHS)	1	C450	T4G
3101061590010	Chip capacitor GRM1885C1H1R5BZ01D 1.5PF B 50V COG 0603 MURATA (RoHS)	1	C149	B2G
3101061800000	Chip capacitor GRM1885C1H180JA01D 18PF J 50V COG 0603 MURATA (RoHS)	3	C145	B2G
			C146	B2G
			C458	B3G
3101062200010	Chip capacitor GRM1885C1H220JA01D 22PF J 50V COG 0603 MURATA (RoHS)	1	C9017	T3B
3101062240000	Chip capacitor GRM188R71A224KA01D 0.22UF K 10V X7R 0603 MURATA (RoHS)	3	C628	T4F
			C655	T5F
			C678	B5G

3101062250000	Chip capacitor GRM188R61A225KE34D 2.2UF K 10V X5R 0603 MURATA(RoHS)	18	C140	B3F
			C157	B2G
			C158	B3H
			C467	B4F
			C472	T3H
			C549	T1C
			C550	T2C
			C557	B2C
			C601	B4H
			C606	B2E
			C624	B2E
			C641	B4F
			C649	B5H
			C660	B5H
			C663	B4F
			C670	B4H
			C825	T3K
			C828	T2K
3101062400010	Chip capacitor GRM1885C1H240JA01D 24PF J 50V COG 0603 MURATA (RoHS)	3	C134	B1G
			C153	B2G
			C9031	T4C
3101062700010	Chip capacitor GRM1885C1H270JA01D 27PF J 50V COG 0603 MURATA (RoHS)	2	C130	B1G
			C148	B2G
3101063000010	Chip capacitor GRM1885C1H300JA01D 30PF J 50V COG 0603 MURATA (RoHS)	1	C9024	T3B
3101063300000	Chip capacitor GRM1885C1H330JA01D 33PF J 50V COG 0603 MURATA (RoHS)	1	C461	B3G
3101063320000	Chip capacitor GRM188R71H332KA01D/C1608X7R1H332K 3300PF K 50V X7R 0603	1	C455	T3H
	MURATA/TDK (RoHS)			
3101064700000	Chip capacitor GRM1885C1H470JA01D 47PF J 50V COG 0603 MURATA(RoHS)	2	C460	B3G
			C9021	T3D
3101064750010	Chip capacitor GRM188F51A475ZE20D 4.7UF Z 10V Y5V 0603 MURATA (RoHS)	1	C1012	B5I
3101064790010	Chip capacitor GRM1885C1H4R7BZ01D 4.7PF B 50V COG 0603 MURATA (RoHS)	2	C129	B1G
			C9010	T3D
3101065620010	Chip capacitor GRM39X7R562K50PT 5600PF K 50V X7R 0603 MURATA(RoHS)	1	C437	B4G

3101066800000	Chip capacitor C1608C0G1H680JT/GRM1885C1H680JA01D 68PF J 50V COG 0603	2	C9008	T3D
	TDK/MURATA (RoHS)		C9011	T3D
3101067590010	Chip capacitor GRM1885C1H7R5BZ01D 7.5PF B 50V COG 0603 MURATA (RoHS)	1	C9004	T4B
3101071060010	Chip capacitor GRM21BR61A106KE19L 10UF K 10V X5R 0805 MURATA (RoHS)	1	C802	T3K
3101072240000	Chip capacitor GRM219R7E224K01A 0.22UF K 25V X7R 0805 MURATA (RoHS)	2	C177	T1G
			C463	T3G
3101073340000	Chip capacitor C2012X7R1C334KT000N/GRM21BR71C334KA01L 0.33UF K 16V X7R	1	C178	T1G
	0805 TDK/MURATA (RoHS)			
3101074750000	Chip capacitor GRM21BR61C475KA88L 4.7UF K 16V X5R 0805 MURATA(RoHS)	5	C224	B4I
			C235	B2J
			C603	B3E
			C621	B2E
			C634	B5G
3104072250060	capacitor TEESVP1A225M8R 2.2UF M 10V -55~+125℃ P NEC (RoHS)	1	C185	T1H
3104076840020	capacitor TEESVP1A684M8R 0.68UF M 10V -55~+125℃ P NEC (RoHS)	1	C468	T2H
3104082260060	capacitor TAJA226K010RNJ 22UF K 10V -55~+125℃ A AVX (RoHS)	1	C9051	T3D
3110061050000	capacitor CNH10R105M-TM 1uF M 6.3V -55~+85℃ EMI保护 0603 MARUWA (RoH	1	C713	B4G
3110071060000	capacitor CNH20R106M-TM 10uF M 6.3V -55~+85℃ EMI保护 0805 MARUWA	2	C636	T4H
	(RoHS)		C661	T5H
3110081060000	"Three-terminal capacitor CNH30R106M-TM 10uF M 16V -55~+85℃ EMI-	2	C627	T4G
	protection 1206 MARUWA (RoHS)"		C654	T5G
3110994760000	Organic polymer capacitor 6TPC47MB 47uF M 6.3V -55℃~+105℃	2	C665	T5H
	3.5*2.8*1.1mm sanyo (RoHS)		C673	T4H
3110997090000	Double Layer Capacitor XH414H-IV01E 0.07F F 3.3V -25~+70℃ 4.8*1.4mm S	1	C225	T1J
	(RoHS)			
3199050758000	Chip capacitor GRM1555CHR75BZ01D 0.75PF B 50V COG 0402 MURUTA (RoHS)	1	C519	T3B
3210106121000	Wound chip inductor LQW18ANR12G00D 120nH G 180mA 1.3ohm -55~+125℃ Q:3	1	L9030	T4D
	0603 MURATA(RoHS)			
3210209102010	Wound chip inductor LQH32MN1R0M23L 1uH M 445mA 0.5ohm -40~+85℃ Q:20	1	L9011	T2D
	1210 MURATA (RoHS)			
3210305330000	Multi-layer chip inductor LQG15HS33NJ02 33nH J 200mA 0.58ohm -55~+125℃	1	L125	B2G
	Q:8 0402 MURATA(RoHS)			
3210305399000	Multi-layer chip inductor LQG15HS3N9S02 3.9nH S 300mA 0.18ohm -55~+125	1	L514	B3C



	Q:8 0402 MURATA(RoHS)			
3210305689000	Multi-layer chip inductor LQG15HS6N8J02 6.8nH J 300mA 0.24ohm -55~+125	1	L522	T3C
	Q:8 0402 MURATA(RoHS)			
3210305829000	Multi-layer chip inductor LQG15HS8N2J02 8.2nH J 300mA 0.24ohm -55~+125	1	L511	T3B
	Q:8 0402 MURATA(RoHS)			
3210306221000	Multi-layer chip inductor LQM18NNR22K00 220nH K 50mA 0.80ohm -40~+85℃	1	L129	B2F
	Q:15 0603 MURATA(RoHS)			
3210306330000	Multi-layer chip inductor LQG18HN33NJ00 33nH J 300mA 0.60ohm -40~+85℃	1	L9016	T2C
	Q:12 0603 MURATA(RoHS)			
3210306479000	Multi-layer chip inductor LQG18HN4N7S00 4.7nH S 450mA 0.20ohm -40~+85℃	1	L9007	T1D
	Q:12 0603 MURATA(RoHS)			
3210306560000	Multi-layer chip inductor LQG18HN56NJ00 56nH J 300mA 0.75ohm -40~+85℃	1	L9028	T4C
	Q:12 0603 MURATA(RoHS)			
3210306561010	Multi-layer chip inductor LQM18NNR56K00 560nH K 35mA 1.55ohm -40~+85℃	2	L9022	B5E
	Q:15 0603 MURATA(RoHS)		L9032	B4E
3210306680000	Multi-layer chip inductor LQG18HN68NJ00 68nH J 300mA 0.80ohm -40~+85℃	2	L9009	T2E
	Q:12 0603 MURATA (RoHS)		L9010	T2E
3210406471000	Multi-layer chip inductor LQM18NNR47K00 470nH K 35mA 1.35ohm -40~+85℃	4	L124	T1H
	Q:15 0603 MURATA(RoHS)		L201	T3H
			L402	B3E
			L9033	B4E
3210407472000	Multi-layer chip inductor LQM21NN4R7K10D 4.7uH K 30mA 1ohm -40~+85℃	1	L408	T2G
	0805 MURATA (RoHS)			
3212107222000	Chip inductor MLF2012A2R2KT 2.2uH K 50mA 0.50Ω Q:45 -25~+85℃ 0805	1	L9012	T4D
	TDK(RoHS)			
3212206561010	Multi-layer chip inductor LK1608R56K-T 560nH K 25mA 1.55ohm Q:35 -	1	L113	B1G
	40~+85℃ 0603 TAIYO (RoHS)			
3213306102000	Multi-layer chip inductor MLF1608A1R0KT 1uH K 25mA 0.6Ω Q:35 -25~+85℃	1	L9027	B4E
	0603 TDK(RoHS)			
3213306222000	Multi-layer chip inductor MLF1608A2R2KT 2.2uH K 15mA 1.15Ω Q:35 -	1	L409	B3F
	25~+85℃ 0603 TDK(RoHS)			
3213306682000	Multi-layer chip inductor MLF1608E6R8KT 6.8uH K 5mA 1.7Ω Q:35 -25~+85	1	L413	B4G
	0603 TDK(RoHS)			

3215005330000	Multi-layer chip inductor LL1005-FHL33NJ 33nH J 200mA 0.70 $\Omega$ -55~+125°C	1	L520	T3C
	Q:12 0402 TOKO(RoHS)			
3215099103000	Chip Inductor FSLM2520-100J 10uH 5% 155mA 2.2 $\Omega$ -40~+85°C 2.5*2.0*1.7m	2	L401	T3G
	TOKO (RoHS)		L404	T3G
3217099153000	Wound chip inductor S1023AS-150M 15uH M 0.54A 150m $\Omega$ -40~85°C	2	L610	T4G
	4.2*4.2*2.0mm TOKO (RoHS)		L614	T5H
3217105150000	Chip inductor 0402CS-15NXJLW 15nH J 560mA 0.045 $\Omega$ -40~125°C 0402	1	L1001	B5J
	Coilcraft (RoHS)			
3217105180000	Chip inductor 0402CS-18NXJLW 18nH J 420mA 0.045 $\Omega$ -40~125°C 0402	1	L516	T3B
	Coilcraft (RoHS)			
3217106120010	Wound chip inductor 0603CS-12NXJLW 12nH J 700mA 0.130 $\Omega$ -40~+125°C Q:3	1	L9025	T5E
	0603 COILCRAFT(RoHS)			
3217106151000	Chip inductor 0603CS-R15XJLW 150nH J 280mA 0.580 $\Omega$ -40~+125°C Q:34 060	2	L9001	B5E
	COILCRAFT(RoHS)		L9026	B3E
3217106181010	Wound chip inductor 0603CS-R18XJLW 180nH J 240mA 1.25 $\Omega$ -40~+125°C Q:2	1	L9029	T4D
	0603 COILCRAFT(RoHS)			
3217106390010	Wound chip inductor 0603CS-39NXJLW 39nH J 600mA 0.250 $\Omega$ -40~+125°C Q:4	2	L104	T2F
	0603 COILCRAFT(RoHS)		L105	T2F
3217106781000	Wound chip inductor 0603LS-781XGLC 780nH G 0.39A 0.83ohm -40~+85°C 060	7	L106	B2G
	COILCRAFT (RoHS)		L108	B2G
			L110	B1H
			L114	B2F
			L115	B2G
			L116	B2H
			L119	B2G
3217106820010	Wound chip inductor 0603CS-82NXJLW 82nH J 400mA 0.540 $\Omega$ -40~+125°C Q:3	3	L102	B2F
	0603 COILCRAFT(RoHS)		L107	T2G
			L127	T2G
3217106829010	Wound chip inductor 0603CS-8N2XGLW 8.2nH G 700mA 0.1150HM -40~+125°C	4	L100	T1G
	0603 COILCRAFT (RoHS)		L128	T2G
			L130	T2G
			L131	T1G
3217107390020	Wire-wound inductor 0805CS-390XGLC 39nH 2% 500mA -55~+85°C Q value: 60	1	L111	B1G

	0805 coilcraft (RoHS) (REACH)			
3217107392000	Chip inductor 0805PS—392KLC 3.9uH $\pm 10\%$ 0.6A 0805 coilcraft (RoHS)	1	L411	T3H
	(REACH)			
3217107470010	Wire-wound inductor 0805CS-470XGLC 47nH G 500mA -55~+85°C Q:60 0805	1	L112	B1G
	coilcraft (RoHS) (REACH)			
3217107680010	Chip inductor 0805CS-680XJLC 68nH 5% 500mA 0.38ohm -55° C~+85° C Q=60		L117	B3G
	coilcraft (RoHS) (REACH)			
3221505121000	Bead BLM15AG121SN1 120 $\Omega$ 100MHz $\pm 25\%$ 500mA -55~+125°C 0402 MURATA (RoH	7	L1002	B5I
			L202	B4J
			L204	B3I
			L205	B3I
			L512	T1C
			L513	T2C
			L515	T1C
3221505121010	Bead BLM15PD121SN1 120 $\Omega$ /100MHZ $\pm 25\%$ 1300mA -55°C~+125°C 0402 MURATA	22	L109	B3F
	(RoHS)		L120	T1H
			L121	T2G
			L122	T2H
			L123	T2H
			L133	T2H
			L301	B6H
			L308	B4J
			L313	B4K
			L403	T3G
			L405	B3F
			L407	T4H
			L410	T2H
			L412	T2G
			L801	T4K
			L803	T4K
			L804	T4K
			L805	T4K
			L821	T2J

			L822	T2J
			L9020	B2F
			R712	B3G
3221506121000	Beed BLM18SG121TN1 120 $\Omega$ 100MHz $\pm$ 25% 3000mA -55~+125℃ 0603 MURATA (Ro	1	L9014	T2D
3221506181000	Beed capacitor BLM18PG181SN1D 180 $\Omega$ 100MHz $\pm$ 25% 1500mA -55~+125℃ 0603	13	L601	B4G
	MURATA (RoHS)		L602	B3E
			L603	B3E
			L605	B2E
			L606	B2E
			L609	B5H
			L611	B5F
			L612	B5G
			L615	B5G
			L616	B5G
			L617	B5G
			L620	B4F
			L802	T4K
3221506601000	Bead BLM18AG601SN1 600 $\Omega$ 100MHz $\pm$ 25% 500mA -55~+125℃ 0603 MURATA (RoH	1	L820	T3K
3231301030000	Air core inductor E2 0.3*1.0*3TL (RoHS)	1	L9019	T3D
3233099190020	Air-core coil SJ0.35-4TL18N5J 18.5nH -40~85℃ 5% 1.9*2.3*2.3mm (RoHS	2	L9021	T3D
	(REACH)		L9023	T3D
3233099330010	Air-core coil SJ0.35-6TR33NJ 33nH -40-85℃ 5% 2.8*2.3*2.3mm (RoHS)	2	L9003	T3C
	(REACH)		L9005	T4B
3233099400020	Air-core coil SJ0.35-7TR40NJ 40nH -40-85℃ 5% 3.2*2.3*2.3mm (RoHS)	1	L9004	T4B
	(REACH)			
3233099449000	Aircore coil E2-0.26-0.7-3T 4.4nH 0.26mm*0.7mm*3T (RoHS)	1	R9004	T3D
3233099470000	Air-core coil 0.35-1.6-8TR 47nH 3.6*2.3*2.3mm square inductor (RoHS)	2	L9008	T2D
			L9013	T4C
3237199270000	Air-core coil 0908SQ-27NGL 27nH -40℃~120℃ 2.975*2.134*1.829 Coilcarf	4	L816	T4D
	(RoHS) (REACH)		L9015	T5C
			L9024	T5C
			L9035	T5D
3290299222000	Wound chip inductor LQH32CN2R2M51 2.2uH M 790mA -25~+85℃ 3.2x2.5x2.0m	2	L607	T4F

	SMD MURATA (RoHS)		L613	T4G
3297106339000	Wire-wound chip inductor 0603HP-3N3XJLU 3.3nH 5% 1900mA 0603 COILCRAFT	3	L517	T3B
	(RoHS)		L518	T3B
			L519	T3B
3297107391000	Wire-wound inductor 0805CS-391XJLB 390nH 5% 290mA 1.50hms -40~+125°C	1	L406	B4G
	390nH J 290mA -40~+125°C 0805 Coilcraft (RoHS)			
3301250300000	Schottky Barrier Diode HSMS-2827-TR1G 15V 1A 0.65V -60~150°C SOT-23	1	D9017	T5E
	AGILENT (RoHS)			
3301990000030	Schottky Barrier Diode RB520S-30 30V 200mA 0.5V/200mA -40~125°C SOD-52	2	D303	T1J
	ROHM (RoHS)		D304	T2J
3303030100010	Switching Diode DAN222(TL) 80V 100mA 1V/100mA -55~150°C SOT-416 Rohm	1	D604	B4H
	(RoHS)			
3303030300000	Schottky Barrier Diode RB706F-40(T106) 40V 30mA 0.26V/1mA -40~125°C SO	1	D9006	T5C
	323 Rohm (RoHS)			
3303030800040	Switching diode 1SS356 35V 100mA 0.8V/10mA -55~125°C SOD-323 ROHM (RoH	1	D9002	T4D
33039900000060	Switching diode BA277 35V 100mA 1V Band-switching -65°C~+150°C SOD-52	13	D104	B3F
	NXP (RoHS)		D105	B3F
			D112	T2H
			D113	T2G
			D114	T1G
			D115	T2F
			D116	T2F
			D9003	T4C
			D9004	T4C
			D9007	T2F
			D9008	T2F
			D9011	T2F
			D9014	T1F
3304010100180	1SV325 10V 10-45PF 4.3 -55~125°C SC-79 TOSHIBA (RoHS)	2	D101	B3H
			D109	B2G
3304010100220	Varactor 1SV305 10V 6.1-18.3pF 3 -55~125°C ESC TOSHIBA (RoHS)	1	D402	B4G
3304010100890	Varactor 1SV279(TPH3.F) VR:15V 15pF/2VR 6pF/10VR 125°C SMD TOSHIBA	1	D111	B2G
	(RoHS)			

3304010100990	Varactor 1SV282(TH3.F.T) VR:34V 35pF/2VR 2.8pF/25VR 125℃ SMD TOSHIBA	4	D102	B1H
	(RoHS)		D107	B1H
			D108	B2G
			D110	B3H
3304010400000	Varactor JDV2S08S VR:10V 18.3pF/1VR 6.1pF/4VR 150℃ SMD TOSHIBA (RoHS)	2	D103	B1H
			D106	B1G
3304060300040	Varactor HVC362TRF-E VR:15V 45pF/1VR 12.5pF/4VR 125℃ UFP RENESAS (RoH	4	D9005	T5D
			D9009	T4D
			D9012	T5C
			D9013	T5C
3304060300050	Varactor HVC350BTRF-E VR:15V 16.4pF/1VR 5.5pF/4VR 125℃ UFP RENESAS	1	D401	T3H
	(RoHS)			
3307110100060	【Moisture-proof】LED KPT-1608SURC Hyper Red 200mcd 30mA 1.9V -40~85℃	1	D301	B6G
	1.6X0.8mm SMD KINGBRIGHT (RoHS)			
3399040600000	ESD Protection Diode PESD5V0S1UB VRWM:5V IPP:15A/10us 150℃ SOD-523	3	D320	B3K
	PHILIPS (RoHS)		D321	B4J
			D322	T5I
3399040600020	ESD Protection Diode PESD12VS1UB VRWM:12V IPP:5A/10us 150℃ SOD-523	8	D307	B4K
	PHILIPS (RoHS)		D308	B4K
			D309	B4K
			D310	B4K
			D314	B5K
			D317	B5K
			D602	B3D
			D603	T4F
3399990000080	Zener Diode EDZTE616.8B 6.8V -55~125℃ SOD-523 Rohm (RoHS)	1	D9010	B2D
3401001000490	PNP Transistor 2SA1832-GR(TE85L.F) 50V 150mA 200~400 -55~125℃ SSM	1	Q9021	T2F
	TOSHIBA (RoHS)			
3403003000060	NPN Transistor 2SC4617TLS 50V 150mA 270~560 -55~150℃ SC-75A Rohm (RoH	2	Q105	B3F
			Q401	B3F
3403008000010	BRT DTC114EE(TL) Vce:50V VIoff:0.5V VIon:3V 100mA 150℃ EMT3 ROHM (RoH	2	Q9007	B1E
			Q9008	B1E
3403009000010	Transistor UMG3N(N-TR) NPN*2 50V -100mA 250 -55~150℃ SC-88A ROHM (RoH	1	Q802	T4J

3403014000020	Transistor UMT1NTR PNP*2 -50V -150mA 120~560 150℃ UMT6 ROHM (RoHS)	1	Q9001	T4D
3403999000000	Transistor EMD22 PNP+NPN -50V/50V -100mA/100mA 80/80 150℃ EMT6 ROHM	7	Q103	B2F
	(RoHS)		Q106	B3F
			Q107	B3F
			Q601	T4J
			Q9019	B2E
			Q9020	B2D
			Q9023	B4F
3404006000000	NPN transistor PBR941 10V 50mA 100 175℃ SOT23 NXP (RoHS)	2	Q9017	B4E
			Q9018	B4E
3406001000090	NPN Transistor 2SC4988FRTR-E 9V 100mA 120 -65~150℃ 8.5GHz UPAK RENESA	1	Q9004	T1E
	(RoHS)			
3408002000000	NPN Transistor 2SC3356-T1B-A-R24 12V 100mA 120 -65~150℃ 1GHz SMD NEC	3	Q102	B2F
	(RoHS)		Q403	B3F
			Q9002	T2E
3408002000080	NPN transistor 2SC5010 6V 30mA 75-150hFE 150° C SOT-23 NEC (RoHS)	2	Q104	B2G
			Q108	B2G
3410001000020	PNP Transistor 2SA1745 15V 500mA 135~600 -55~150℃ MCP SANYO (RoHS)	1	Q9006	B1E
3418001000010	NPN Transistor AT-41511-TR1G 10V 50mA 150 -65~150℃ SOT-143 AGILENT	1	Q9010	T5D
	(RoHS)			
3503020000030	N-MOSFET 2SK1824-T1-A VDS:30V ID:100mA VGS(th):3.0V 150℃ SC-75 NEC	2	Q604	B5H
	(RoHS)		Q606	B5F
3504990000010	【Moisture-proof】 Power MOSFET RD01MUS2-T113 VDS:30V ID:600mA	1	Q9005	T1D
	VGS(th):1.8V 1.4W 150℃ SMD MITSUBISHI (RoHS)			
3504990000040	【Moisture-proof】 Power MOSFET RD07MUS2B 10uA 25V 10uA 7.2V 7W 150℃ S	1	Q9003	T2D
	MITSUBISHI (RoHS)			
3602023005740	【Moisture sensitive】 Audio amplifier TDA8547TS 2x0.7W 5V 20dB -40~+85	1	U801	T4K
	SOT266-1 PHILIPS (RoHS)			
3603999000000	【Moisture-proof】 IF processor AD9864 10-300MHZ -40~+85℃ ADI (RoHS)	1	U401	T3G
3604019000000	IC SKY72310-362LF 2.1 GHz 3V -40~+85° C QFN-24 SKYWORKS (RoHS)	1	U103	T2H
3605002057290	Operational amplifier TC75W51FU(TE12.F) 1.5~7V 200mW 70dB 2 operationa	1	U102	B2H
	amplifier -40~+85℃ SSOP8 TOSHIBA (RoHS)			
3605025000020	Operational Amplifier AD8566ARMZ 0.256mW 5~16V 40dB -40~85℃ MSOP-8 AD	1	U9002	B1D

	(RoHS)			
3606010000010	D/A IC TLV5614IPWRG4 12-BIT 20MHZ 2.7~5.5V -40~85℃ TSSOP-16 TI (RoH	1	U701	B4H
3608006000000	Power management IC RP102N331B LDO 3.3V 300mA -40~+85℃ SOT-23-5 RICOH	2	U609	B5G
	(RoHS)		U612	B4G
36080060000030	Power management IC RP102N181D LDO 1.7--5.25V 1.8V 300mA -40℃~+85℃	1	U610	B5G
	SOT-23-5 RICOH (RoHS)			
36080110000050	Power management IC LTC1877EMS8 DC-DC 2.65--10V ADJ 600mA -40℃~+85℃	2	U601	T4G
	MSOP-8 LINEAR (RoHS)		U611	T5G
3608015000220	Power manage IC XC6415GG17MR 双路LDO 1.5~6.5V 3.3V&3.3V 200mA -40~+85℃ SOT	1	U608	B4G
	Torex (RoHS) (REACH)			
3608015005610	Power management IC XC6401GE25DR Dual LDO 1.5V~6.0V 2.85V&2.85V 300mA	1	U510	T1C
	40℃~+85℃ USP6B Torex (RoHS)			
3608015005620	Power management IC XC6221B122GR LDO 1.6~6.0V 1.2V 250mA -40~85℃ USP-	1	U504	T1C
	Torex (RoHS)			
3608020005750	[Moisture-proof] Power management IC TK11250CM-G LDO 5.0V SOT-23 -	2	U604	B3E
	30~+85℃ AKM (RoHS)		U605	B2E
3609003999000	MMIC amplifier UPC8179TK isolation amplifier 2.4~3.3V -40~+85℃ GP	1	U105	B2F
	13.5dB; ISOL 43dB; P1dB 2dB; NF 5dB SMD NEC (RoHS)			
3609006006030	Real-time clock RV5C387A 2.0~5.5V I2C-bus-Clock SSOP-10 RICOH (RoHS)	1	U311	T2J
3609008000000	GPS low noise amplifier NJG1130KA1 0.65dB/29dB/5mA/3V GPS LNA 2.5~3.3V	1	U502	T3B
	40~85℃ 1.6*1.6*0.6mm JRC (RoHS)			
3609010000170	Reset IC TPS3808G33DBVR 3.3V -40~+125℃ SOT-23-6 TI (RoHS)	1	U607	T5I
3609042000000	Sensor MMA7455L acceleration sensor 2.4V~3.6V -40~+85° C LGA-14	1	U310	T1I
	Freescale (RoHS)			
3609999008540	GPS chip GSC3fLPx-7990 Digital chip GPS+RF+4 Mb Flash 2.85V -40~85℃	1	U501	B2C
	Lowest Power BGA-140 support AGPS SIRF (RoHS)			
3609999011080	bluetooth chip BC57H687C-ITM-E4 Bluetooth 3.3V -40~105° C 3.3V 2.4GHz 5dBm -	1	U1001	B5I
	90dBm -40° C~105° C LFBGA-120 CSR (RoHS)			
3610010000010	MCU OMAP5912ZZG 32位 1.6V 192MHz -40~+85℃ BGA-289 TI (RoHS)	1	U201	B3J
3612044000010	Memory MT48H8M16LFB4-75 IT Mobile-SDRAM 128Mb 1.70~1.95V -40~+85℃	1	U242	B2K
	VFBGA-54 MICRON (RoHS)			
3613010000000	Baseband processor TLV320AIC29IRGZR CODEC 3.3V -40~85℃ QFN-48 TI (RoH	1	U821	T2K
3616037000020	【Moisture-proof】 Switch IC NLA54783BMN1R2G 3 1.65~4.5V 25ns -40~85℃	1	U820	T3K



	QFN-16 ONSEMI (RoHS)			
3616093000000	Switch IC PI5A4684GAEX 2 channels 2.7~3.3V 100ns -45~+85℃ 10-CSP	1	U104	B1H
	PERICOM(RoHS)			
3626006000010	reset IC R3112Q201A-TR-FE 0.7-6.0V 2.0V -40~+85℃ SC-82 RICOH (RoHS)	1	U511	T2C
	(REACH)			
3701002660070	Crystal DSX221G-26M 26MHz ±30ppm 10pF -40~+85° C 2520 (RoHS)		X1001	B4I
3701019250030	TCXO DSA535SD-19.2 19.2MHZ 1.5ppm -40~+85℃ sensitivity: 20.5ppm/v 50×	1	X101	T2H
	KDS (RoHS)			
3701019250040	TCXO DSB321SDA 19.2MHz 1.7-3.6V freq. stability +/-1.5ppm Temperature:	1	X203	T3H
	+/-1.0ppm/-40~+85℃ SMD 3.2*2.5*0.9mm KDS (RoHS)			
3701163640010	TCXO DSB321SDA 16.369MHz 2.85V ±0.5ppm 3.2mm*2.5mm*0.9mm TCXO KDS (Ro	1	U505	T2C
3701327710010	Crystal Q13FC13500004XX 32.768KHz ±20ppm 12.5PF -40℃~+85℃ SMD EPSON	2	X201	T1J
	(RoHS)		X501	B3C
3801244160000	Filter DBF81F104 - CSR - T 2.441GHz 78MHz 1.85dB -55~125° C SMD	1	U1002	B5J
	SOSHIN (RoHS)			
3804157560000	GPS filter 1575.42MHz 2.0MHz B9440-GPS-FILTER EPCOS(RoHS)	2	Z502	T3C
			Z503	T3B
3805000000030	EMI Filter CM1440-06CP low-pass EMI Filter 35dB@1GHz -40~+85℃ 30KV ES	6	U325	B4J
	CSP-16 CMD (RoHS)		U326	B4J
			U327	B4J
			U328	T4I
			U329	T4J
			U330	T4I
3805000000040	EMI Filter CM1418-02CS L-C EMI Filter 35dB@1GHz -40~~+85℃ 30KV ESD CSP	3	Z304	B4K
	CMD (RoHS)		Z305	T5I
			Z306	B4K
40020000000300	Fuse 0467.500NR 32V 0.5A 0603-FF LITTELFUSE (RoHS)	2	F602	B4F
			F603	B4F
40990000000050	Fuse 046602.5NR 32V 2.5A 1206 LITTELFUSE (RoHS)	1	F601	B3D
5201050100030	"Board-to-board connector AXK6F50347YG 50pin 0.5mm 15.5*2.5*1.25mm mal	1	J602	B4K
	2.0m-high Panasonic (RoHS)"			
5208002200220	Battery connector 70ADJ-2-MLOG 2Pin 7.7*11.0*4.0mm BOURNS (RoHS) (REAC	1	J601	T3E
54040000000060	Sensor LM45C temperature sensor 4V-10V 120uA -20~+100℃ 10mV/℃ factor	1	U9003	B2D

	SOT-23 (RoHS)			
5406000000200	Transformer 4BMH-DKN0002GN1 20dBm 2:1 4.8*3.4*2.0mm (RoHS)	2	T9001	T5E
			T9002	T4E
9830000000001	DVSI AMBE++ Voice Codec Software	1		
3001051000000	Chip resistor RTT02/RC0402 10Ω J 1/16W -55~+155℃ 0402 RALEC/YAGEO	11	R130	T2G
	(RoHS)		R131	T2H
			R134	T2H
			R203	T4H
			R206	B3J
			R209	B4I
			R510	T3C
			R511	T2B
			R801	T4K
			R806	T4K
			R9030	T2E
3001053940010	Chip resistor RTT02/RC0402 390KΩ F 1/16W -55~+155℃ 0402 RALEC/YAGEO	1	R615	B4F
	(RoHS)			
3101050700010	Chip capacitor GRM1555C1H7R0BZ01D 7PF B 50V COG 0402 MURATA(RoHS)	2	C111	T2F
			C112	T2F
3101054740020	Chip capacitor GRM155R61A474KE15D 0.47uF K 10V X5R 0402 MURATA(RoHS)	1	C693	B5F
3101061300000	Chip capacitor GRM1885C1H130JA01D 13PF J 50V COG 0603 MURATA (RoHS)	1	C128	B1G
3101061810010	Chip capacitor C1608COG1H181J 180PF J 50V COG 0603 TDK(RoHS)	1	C9012	T3C
3101062790000	Chip Capacitor GRM1885C1H2R7BZ01D 2.7pF B 50Vdc COG 0603 MURATA (RoHS)	1	C9030	T3D
3210306390000	Multi-layer chip inductor LQG18HN39NJ00 39nH J 300mA 0.65ohm -40~+85℃	1	L9006	T1D
	Q:12 0603 MURATA(RoHS)			
3217107560010	Wire-wound inductor 0805CS-560XGLC 56nH G 500mA -55~+85℃ Q:60 0805	1	L118	B3G
	coilcraft (RoHS) (REACH)			
3612999000290	Memory MX69GL127EAXGW-90G NOR-FLASH+PSRAM 128Mb+32Mb 2.7~3.3V -	1	U244	B2J
	25℃~+85℃ 56FBGA Macronix (RoHS)			
6202502000000	X1e DC Cover 20.05*13.15*2.5mm 0.20mm corper 00(RoHS)	1	A	T4F
6202550000000	X1e DAC shielding mask T0.20mm 00 (RoHS) (REACH)	2	E	B4F
			F	B4G
6202551000000	X1e GPS shielding mask T0.20mm 00 (RoHS) (REACH)	1	B	B3B

6202552000000	Xle VCO shielding mask T0.20mm 00 (RoHS) (REACH)	1	D	B3F
6202553000000	Xle IF shielding mask T0.20mm 00 (RoHS) (REACH)	1	C	B5E
6202555000000	Xle baseband shielding mask T0.20mm 00 (RoHS) (REACH)	1	G	B4H
3101056830040	Chip capacitor GRM155R71C683KA88J 0.068uF K 16V X7R 0402 MURATA (RoHS)	1	C818	T4J
3101060200010	Chip capacitor GRM1885C1H2R0BZ01D 2PF B 50V COG 0603 MURATA (RoHS)	1	C152	B2G
3101061500010	Chip capacitor GRM1885C1H150JA01D 15PF J 50V COG 0603 MURATA (RoHS)	1	C123	B1G
3101062590010	Chip capacitor GRM1885C1H2R5CZ01D 2.5PF C 50V COG 0603 MURATA (RoHS)	1	C133	B1G
3505990000040	P-MOSFET SI2343CDS -30V -5.9A -1.2V 150° C SOT-23 VISHAY (RoHS) (REACH)	1	Q605	B4F
3310249900000	ESD5Z7.0T1 7V 8.8A -55~+150°C SOD-523 ONSEMI (RoHS)	2	D318	B3K
			D319	B3K
3001056840000	Chip resistor RTT02/RC0402 680KΩ J 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	1	R617	T4G
3001052040010	Chip resistor RTT02/RC0402 200kΩ F 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	1	R618	T4G
3003061040000	Thermistor NCP18WF104J03RB NTC 100KΩ J -40~+85°C 0603 MURATA (RoHS)	1	RT601	T5G
5201020000020	Board-to-board connector 54102-0208 20PIN 0.5mm -40~+85°C female SMD (RoHS)	1	J301	T4J
3802448540040	Crystal filter DSF753SDF 44.85MHz ±6.5kHz 4dB -30°C~+70°C 7*5 KDS (RoHS) (REACH)	1	Z9001	B5E
3001053390000	Chip resistor RTT02/RC0402 3.3Ω F 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	2	L9036	T4D
			R1002	B5I
6202482000010	Spring plate for Xle antenna beryllium copper T=0.2mm 01 (RoHS) (REACH)	1	ANT1	T3A
3001054330000	Chip resistor RTT02/RC0402 43KΩ F 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	1	R826	T2K
3001058220010	Chip resistor RTT02/RC0402 8.2KΩ F 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	1	R824	T2K
3608006000040	Power management IC RP102N301B LDO 1.7--5.25V 3.0V 300mA -40°C~+85°C SOT-23-5 RICOH (RoHS)	1	U606	B5G
3001053320010	Chip resistor RTT02/RC0402 3.3KΩ F 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	1	R601	T5G
3001054790010	Chip resistor RTT02/RC0402 4.7KΩ F 1/16W -55~+155°C 0402 RALEC/YAGEO (RoHS)	1	R623	T4G
6202830000000	Xle bluetooth antenna Ti-Cu (RoHS) (REACH)	2	W1001	B5J

			W1002	B5J
41000001062F0	Main PCB board for X1 VHF FR4 10L immersion gold 2P 103.6*46*1.3mm F	1		
	(RoHS) (REACH)			
3217105229000	Chip inductor 0402CS-2N2XJLW 2.2nH J 960mA 0.045Ω -40~125℃ 0402	1	C1002	B5J
	Coilcraft (RoHS)			