

Main board PN	1301628V10020			
Description	TM-628HVHF main board (136-174MHz) (RoHS)			
P/N	description	number	code	position
3001050000000	Chip resistor RTT02/RC0402 0Ω J 1/16W -55~+155℃ 0402 RA	45	C177	B6C
	(RoHS)		C404	B7F
			R106	T4C
			R419	B8F
			R448	B8J
			R451	B8J
			R455	B7J
			R457	T7D
			R485	B7J
			R510	T7F
			R513	T8F
			R518	T6H
			R520	T6I
			R521	T6I
			R522	T6I
			R564	T7M
			R577	T7I
			R580	T7I
			R584	T7I
			R586	T7I
			R595	T8I
			R598	T6J
			R599	T6J
			R605	B2L
			R616	T7I
			R618	T7I
			R625	B7J

						R627	T8F
						R644	B9I
						R645	T8J
						R646	T9H
						R654	T8I
						R655	T7I
						R823	B4J
						R824	B4I
						R825	B5I
						R908	B7I
						R909	B7I
						R910	B7I
						R912	B7I
						R913	B8I
						R919	T7H
						R921	T7H
						R922	T7I
						R923	T7H
3001051010000	Chip resistor RTT02/RC0402 100 $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	6				R168	B5F
						R173	B6I
						R174	B4E
						R197	T5A
						R501	T8F
						R649	B8I
3001051020010	Chip resistor RTT02/RC0402 1K $\Omega$ J 1/16W -55~+155°C 0402 R (RoHS)	22				R121	B4A
						R123	B4A
						R145	T6B
						R200	T5B
						R439	B7J
						R453	B7J

				R476	T8E
				R503	T8G
				R504	T8F
				R505	T7F
				R506	T7F
				R609	T6G
				R610	T6F
				R611	T6G
				R612	T7F
				R613	T8L
				R632	T7F
				R802	B5I
				R826	B6I
				R906	T6F
				R933	T8H
				R934	T8H
3001051030000	Chip resistor RTT02/RC0402 10K $\Omega$ J 1/16W -55 $^{\circ}$ +155 $^{\circ}$ C 0402	20		R107	T4C
	(RoHS)			R110	T4C
				R170	B6I
				R176	B5F
				R198	T4B
				R402	B7G
				R403	B7F
				R423	B7F
				R424	B7F
				R449	B8J
				R450	B8J
				R464	T6D
				R470	T8D
				R472	T8E

3001051040000	Chip resistor RTT02/RC0402 100KΩ F 1/16W -55~+155℃ 0402 (RoHS)	2	R477	T8E
			R509	T7F
			R515	T8F
			R804	B5J
			R902	B9D
3001051040010	Chip resistor RTT02/RC0402 100KΩ J 1/16W -55~+155℃ 0402 (RoHS)	24	R904	B9D
			R490	B7H
			R801	B6J
			R104	T4B
			R105	T4B
			R115	T4C
			R116	T4C
			R118	B5B
			R119	B4C
			R120	B4B
			R125	B5B
			R128	B4C
			R130	B5B
			R131	B5B
			R132	B5B
			R133	B6D
			R148	B5D
			R149	T6A
			R180	T2H
R427	B7E			
R467	T8D			
R468	T8D			
R514	T6F			
R565	T7M			
R566	T7M			

3001051050020	Chip resistor RTT02/RC0402 1M $\Omega$ J 1/16W -55~+155°C 0402 R (RoHS)	3	R631	T7I
			R806	B5K
			R431	B8E
			R473	T8E
3001051230000	Chip resistor RTT02/RC0402 12K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	3	R901	B8D
			R152	T6B
			R416	B8G
3001051240000	Chip resistor RTT02/RC0402 120K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	4	R471	T8D
			R135	B6D
			R136	B6D
			R437	B7D
3001051520010	Chip resistor RTT02/RC0402 1.5K $\Omega$ F 1/16W -55~+155°C 0402 (RoHS)	2	R827	B6K
			R138	B6D
3001051530000	Chip resistor RTT02/RC0402 15K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	5	R151	T6C
			R404	B7F
			R408	B7G
			R440	B7J
3001051540020	Chip resistor RTT02/RC0402 150K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2	R465	T6D
			R830	B6J
			R475	T8E
3001051810010	Chip resistor RTT02/RC0402 180 $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	4	R478	T8E
			R141	T6D
			R143	B5C
			R182	T3H
3001051830000	Chip resistor RTT02/RC0402 18K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	5	R184	T3H
			R175	B4F
			R418	B8G
			R428	B7E
			R434	B8D
			R435	B8D

3001051840000	Chip resistor RTT02/RC0402 180K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	7	R134	B6D
			R413	B7G
			R459	T7D
			R460	T7D
			R461	T6E
			R807	B5J
3001052200000	Chip resistor RTT02/RC0402 22 $\Omega$ J 1/16W -55~+155°C 0402 R (RoHS)	2	R832	B6K
			R803	B6J
3001052210000	Chip resistor RTT02/RC0402 220 $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	3	R808	B4J
			R117	T4D
			R172	B6I
3001052220000	Chip resistor RTT02/RC0402 2.2K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	1	R412	B7F
			R604	B2L
3001052230010	Chip resistor RTT02/RC0402 22K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	13	R158	T7C
			R159	T7B
			R161	T7B
			R162	T7C
			R409	B7G
			R441	B7J
			R442	B7J
			R445	B8K
			R452	B8K
			R458	T7D
3001052710010	Chip resistor RTT02/RC0402 270 $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	1	R466	T8D
			R491	B8H
			R829	B6K
3001052720000	Chip resistor RTT02/RC0402 2.7K $\Omega$ J 1/16W -55~+155°C 0402	3	R204	B4B
			R407	B8F

	(RoHS)					R818	B4I
						R935	T7H
3001058230000	Chip resistor RTT02/RC0402 82K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	3				R410	B7G
						R462	T6D
						R653	T6J
3001059130000	Chip resistor RTT02/RC0402 91K $\Omega$ F 1/16W -55~+155°C 0402 (RoHS)	1				R443	B8K
3001052730000	Chip resistor RTT02/RC0402 27K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	1				R421	B7E
3001053030010	Chip resistor RTT02/RC0402 30K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2				R154	T6B
						R414	B7G
3001053300010	Chip resistor RTT02/RC0402 33 $\Omega$ J 1/16W -55~+155°C 0402 R (RoHS)	3				R139	B6C
						R167	B6I
						R183	T3H
3001053310010	Chip resistor RTT02/RC0402 330 $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2				R177	B4F
						R178	B5F
3001053320000	Chip resistor RTT02/RC0402 3.3K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2				R111	T5C
						R153	T6B
3001053330010	Chip resistor RTT02/RC0402 33K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	6				R432	B8F
						R433	B7D
						R436	B7D
						R482	B7D
						R516	T6G
						R563	T7L
3001053340000	Chip resistor RTT02/RC0402 330K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	3				R108	T4C
						R406	B7F
						R422	B8F
3001053920010	Chip resistor RTT02/RC0402 3.9K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	1				R155	T7B
3001053940000	Chip resistor RTT02/RC0402 390K $\Omega$ J 1/16W -55~+155°C 0402	1				R463	T6D

3001054700000	(RoHS) Chip resistor RTT02/RC0402 47Ω J 1/16W -55~+155℃ 0402 R	2	R127	B6C
3001054720000	(RoHS) Chip resistor RTT02/RC0402 4.7KΩ J 1/16W -55~+155℃ 0402	17	R169	B5F
	(RoHS)		R160	T6B
			R163	T7B
			R171	B6I
			R401	B7G
			R447	B8K
			R469	T8E
			R502	T8G
			R507	T7F
			R508	T7F
			R511	T8G
			R525	T8G
			R526	T8G
			R543	B6L
			R571	B6L
			R573	B8L
			R602	B4L
			R822	B6F
3001054730000	Chip resistor RTT02/RC0402 47KΩ J 1/16W -55~+155℃ 0402	25	R101	T4B
	(RoHS)		R102	T4B
			R103	T4B
			R144	T5B
			R179	B5E
			R199	T4A
			R202	T4B
			R405	B7G
			R438	T7D
			R454	B7J



						R489	B7H
						R492	B8H
						R517	T6G
						R519	T6G
						R523	T6H
						R524	T6H
						R544	B6L
						R545	B9L
						R550	B7K
						R562	T7L
						R567	T7M
						R572	B6L
						R601	B4L
						R603	B3L
						R905	T6F
3001055130010	Chip resistor RTT02/RC0402 51K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2				R411	B7G
3001055600000	Chip resistor RTT02/RC0402 56 $\Omega$ J 1/16W -55~+155°C 0402 R (RoHS)	2				R420	B7F
3001055630000	Chip resistor RTT02/RC0402 56K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2				R203	B5I
3001055640000	Chip resistor RTT02/RC0402 560K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	1				R828	B6K
3001056820000	Chip resistor RTT02/RC0402 6.8K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	2				R429	B8E
3001056830000	Chip resistor RTT02/RC0402 68K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	3				R430	B8E
3001058220000	Chip resistor RTT02/RC0402 8.2K $\Omega$ J 1/16W -55~+155°C 0402 (RoHS)	1				R156	T6B
						R112	T5C
						R417	B8F
						R444	B8K
						R456	B7E
						VR101	T5B
						R474	T8E

3001051820010	Chip resistor RTT02/RC0402 1.8K $\Omega$ F 1/16W -55~+155°C 0402 (RoHS)	2	R129	B4B
3001060000000	Chip resistor RTT03/RC0603 0 $\Omega$ J 1/10W -55~+155°C 0603 RA (RoHS)	13	R150	T6C
			D502	T6F
			R140	B5D
			R425	T8I
			R481	B7D
			R553	T6M
			R569	T7L
			R570	T6L
			R575	B9L
			R629	T8K
			R714	B5G
			R812	B4J
			R815	B4J
			R821	B5I
3001061000000	Chip resistor RTT03/RC0603 10 $\Omega$ J 1/10W -55~+155°C 0603 R (RoHS)	4	R546	B6M
			R547	B6M
			R548	B8M
			R549	B8M
3001061010000	Chip resistor RTT03/RC0603 100 $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	2	R703	B5G
			R706	B4G
3001061020010	Chip resistor RTT03/RC0603 1K $\Omega$ J 1/10W -55~+155°C 0603 R (RoHS)	5	R557	T7L
			R560	T7L
			R568	T6L
			R704	B5G
			R705	B4G
3001061030010	Chip resistor RTT03/RC0603 10K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	7	R186	T2I
			R426	B7E
			R554	T6L
			R558	T7L

							R701	B6F
							R709	B4F
							R814	B4J
3001061040000	Chip resistor RTT03/RC0603 100K $\Omega$ D 1/10W -55~+155°C 0603 (RoHS)	3					R559	T7L
							R716	B6G
							R820	B5I
3001061810000	Chip resistor RTT03/RC0603 180 $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R142	T5C
3001061830010	Chip resistor RTT03/RC0603 18K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R813	B4J
3001062200000	Chip resistor RTT03/RC0603 22 $\Omega$ J 1/10W -55~+155°C 0603 R (RoHS)	1					R189	T2I
3001062210000	Chip resistor RTT03/RC0603 220 $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R707	B4F
3001062220000	Chip resistor RTT03/RC0603 2.2K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	3					R109	T1H
							R185	T2I
							R188	T2I
3001062230000	Chip resistor RTT03/RC0603 22K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R811	B4J
3001062240010	Chip resistor RTT03/RC0603 220K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R713	B4G
3001068230010	Chip resistor RTT03/RC0603 82K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R719	B6H
3001063300000	Chip resistor RTT03/RC0603 33 $\Omega$ J 1/10W -55~+155°C 0603 R (RoHS)	1					R712	B4F
3001063310010	Chip resistor RTT03/RC0603 330 $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1					R715	B4F
3001064700000	Chip resistor RTT03/RC0603 47 $\Omega$ J 1/10W -55~+155°C 0603 R (RoHS)	1					R187	T3I
3001064720000	Chip resistor RTT03/RC0603 4.7K $\Omega$ J 1/10W -55~+155°C 0603	4					R708	B4F

	(RoHS)			R710	B5F
				R711	B5F
				R720	B4F
3001064730000	Chip resistor RTT03/RC0603 47K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	2		R551	T4L
3001065620010	Chip resistor RTT03/RC0603 5.6K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1		R561	T6L
				R810	B4J
3001061520000	Chip resistor RTT03/RC0603 1.5K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	2		R817	B4I
				R819	B4I
3001062020030	Chip resistor RTT03/RC0603 2K $\Omega$ F 1/10W -55~+155°C 0603 R (RoHS)	1		R190	T3J
3001062720000	Chip resistor RTT03/RC0603 2.7K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1		R816	B4I
3001063910000	Chip resistor RTT03/RC0603 390 $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1		R702	B5F
3001063930010	Chip resistor RTT03/RC0603 39K $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	1		R555	T6M
3001064710000	Chip resistor RTT03/RC0603 470 $\Omega$ J 1/10W -55~+155°C 0603 (RoHS)	3		R192	T2J
				R556	T6L
				R809	B4I
3001070000000	Chip resistor RTT05/RC0805 0 $\Omega$ J 1/8W -55~+155°C 0805 RAL	1		L110	B6A
3001072200000	Chip resistor RTT05/RC0805 22 $\Omega$ J 1/8W -55~+155°C 0805 RA (RoHS)	1		R195	T1J
3001071800000	Chip resistor RTT05/RC0805 18 $\Omega$ J 1/8W -55~+155°C 0805 RA (RoHS)	1		R191	T3J
3001072710000	Chip resistor RTT05/RC0805 270 $\Omega$ J 1/8W -55~+155°C 0805 R (RoHS)	2		R194	T2J
				R196	T1J
3101050500000	Chip capacitor GRM1555C1H5R0CZ01D 5PF C 50V COG 0402 MURA	3		C930	T2H
				C931	T2I
				C932	T4C

3001162200000	Chip resistor RTT20/RC2010 22 $\Omega$ J 1/2W -55~+155°C 2010 RA (RoHS)	1	R193	T2I
3001164720000	Chip resistor RTT20/RC2010 4.7K $\Omega$ J 1/2W -55~+155°C 2010 (RoHS)	1	R552	T5M
3001161210000	Chip resistor RTT20/RC2010 120 $\Omega$ J 1/2W -55~+155°C 2010 R (RoHS)	1	R201	T3F
3003061040000	Thermistor NCP18WF104J03RB NTC 100K $\Omega$ J -40~+85°C 0603 MU	1	TH101	B3A
3005051020000	Integrated resistor RTA02/YC122 1K J 1/16W -55~+125°C 2*0 (RoHS)	17	CP501	T8H
			CP502	T8G
			CP503	T8F
			CP504	T8F
			CP505	T8G
			CP506	T7F
			CP508	T7F
			CP509	T6F
			CP510	T6F
			CP513	T6G
			CP514	T6H
			CP515	T7H
			CP516	T7H
			CP517	T7H
			CP518	T8H
			CP519	T7H
			CP521	T8G
3101050300000	Chip capacitor GRM1555C1H3R0BZ01D 3PF B 50V COG 0402 MURA	3	C187	B6I
			C188	B5I
			C826	B6J
3101051800010	Chip capacitor GRM1555C1H180JZ01J 18PF J 50V COG 0402 MUR	6	C119	B4C
			C141	B6C
			C193	B6E

3101051020010	Chip capacitor GRM36X7R102K50PT 1000PF K 50V X7R 0402 MUR	50	C194	B6E
			C197	B6E
			C199	B6D
			C115	T5B
			C120	B4C
			C124	B4B
			C129	B4A
			C134	B5B
			C140	T4C
			C155	T7A
			C180	T6C
			C182	B6I
			C183	B5F
			C184	B6I
			C191	B5I
			C196	B5E
			C200	B4F
			C201	B5F
			C203	B4E
			C209	T2I
			C211	T2I
			C214	T2I
			C225	T4C
			C238	T4D
			C248	B4C
			C249	B6C
			C250	B5B
			C441	B7K
			C445	B7E
			C458	T9D

3101051030020      Chip capacitor GRM155R71E103KA01D 0.01UF K 25V X7R 0402 M      18

C462	T8D
C605	B4L
C802	B5I
C805	B5J
C806	B5J
C807	B6J
C809	B5K
C810	B5J
C820	B4J
C821	B4I
C822	B5I
C916	T8H
C917	T7I
C918	B7H
C919	B7H
C920	B7H
C921	B7I
C922	T7H
C923	B7I
C924	B7I
C925	T8H
C926	B7H
C929	B7H
C143	B6C
C148	T5D
C163	T6B
C239	T4C
C240	T4D
C242	T5B
C243	T6B

3101051040010      Chip capacitor GRM36Y5V104Z25PT 0.1UF Z 25V Y5V 0402 MURA      32

C401	B7G
C456	T6D
C461	T8E
C465	T8E
C506	T6H
C554	B9J
C566	T8J
C604	B6M
C606	B2L
C903	B8E
C905	B8D
C135	B4B
C145	B6D
C154	B5D
C165	T6B
C167	T6B
C168	T7B
C169	T7C
C174	T6B
C175	T5A
C176	T5B
C179	T6C
C202	B4E
C403	B7F
C405	B8F
C406	B7G
C407	B7F
C430	B8E
C431	T8D
C440	B7K



				C453	T7D
				C463	T8E
				C466	B8E
				C504	T6F
				C505	T6H
				C507	T7H
				C511	B6L
				C525	T7M
				C537	B8L
				C602	B5L
				C801	B6I
				C803	B6J
				C911	B8D
3101051050000	Chip capacitor GRM155R60J105K6.3PT 1UF K 6.3V X5R 0402 MU	12		C437	T8J
				C438	B8K
				C444	B7J
				C449	B7D
				C450	B7D
				C467	B7D
				C468	B7J
				C470	B7H
				C569	T7I
				C609	T8K
				C927	T7H
				C928	T7I
3101053000010	Chip capacitor GRM1555C1H300JZ01D 30PF J 50V COG 0402 MUR	1		C162	T7A
3101051230000	Chip capacitor C1005X7R1E123K 0.012UF K 25V X7R 0402 TDK(	1		C454	T7D
3101051500020	Chip capacitor GRM36COG150J50PT 15PF J 50V COG 0402 MURAT	9		C125	B6B
				C139	B6B
				C150	T5C

						C159	B4C
						C185	B6I
						C186	B6I
						C190	B5I
						C192	B6C
						C501	T7F
3101051510000	Chip capacitor	GRM36C0G151J50 150PF J 50V COG 0402 MURATA	1			C425	B8E
3101051520000	Chip capacitor	GRM155R71H152K 1500PF K 50V X7R 0402 MURAT	1			C413	B8G
3101051530010	Chip capacitor	C1005X7R1E153K 0.015UF K 16V X7R 0402 TDK(	2			C410	B7G
						C824	B6K
3101051810010	Chip capacitor	GRM1555C1H181JA1J 180p J 50V COG 0402 MURA	1			C451	T6D
3101051830000	Chip capacitor	C1005X7R1C183KT 0.018UF K 16V X7R 0402 TDK	2			C409	B7G
						C823	B6K
3101052200010	Chip capacitor	GRM36C0G220J50PT 22PF J 50V COG 0402 MURAT	4			C131	B6A
						C157	T6A
						C427	B8E
						C428	B8E
3101052220010	Chip capacitor	GRM155R71H222KA01D 2200pF K 50V X7R 0402 M	1			C455	T7D
3101052700000	Chip capacitor	GRM1555C1H270J 27PF J 50V COG 0402 MURATA(	5			C121	B4C
						C127	B4C
						C189	B6I
						C502	T7F
						C503	T7F
3101052720000	Chip capacitor	GRM155R71H272KA01D 2700PF K 50V X7R 0402 M	1			C460	T8D
3101052730000	Chip capacitor	GRM155R71C273KA01D 0.027UF K 16V X7R 0402	1			C426	B8E
3101053300000	Chip capacitor	GRM1555C1H330JZ01D 33PF J 50V COG 0402 MUR	6			C132	B5A
						C153	T5B
						C166	B6C
						C415	B8F
						C423	B7E

3101053310030	Chip capacitor GRM1555C1H331JA01D 330PF COG J 50V COG 040	2	C908	B8D
			C439	B7J
			C471	B8H
3101054700010	Chip capacitor GRM36COG470J50PT 47PF J 50V COG 0402 MURAT	2	C433	B8J
			C447	B7D
3101054710010	Chip capacitor GRM155R71H471KA01D 470PF K 50V X7R 0402 MU	17	C100	B5B
			C144	B6D
			C147	B5C
			C172	T6B
			C432	B8J
			C442	B7J
			C443	B7J
			C555	B9H
			C556	B9H
			C557	B9I
			C558	B9I
			C559	B9I
			C560	B9I
			C561	B9I
			C562	B9I
3101050800000	Chip capacitor GRM1555C1H8R0BZ01D 8PF B 50V COG 0402 MURA	1	C817	B6F
			C818	B6F
			C146	B6D
3101054720000	Chip capacitor GRM36X7R472K50PT 4700PF K 50V X7R 0402 MUR	1	C402	B7G
3101054730030	Chip capacitor GRM155F51E473ZA01D 0.047UF Z 16V Y5V 0402	1	C224	T4C
3101054740020	Chip capacitor GRM155R61A474KE15D 0.47uF K 10V X5R 0402 M	3	C420	B7F
			C422	B7E
			C912	T6E
3101055610000	Chip capacitor C1005X7R1H561KT 560PF K 50V X7R 0402 TDK (	12	C170	T6B
			C171	T6B

						C421	B7E
						C543	T8F
						C544	T8F
						C545	T8G
						C548	T6G
						C549	T6G
						C550	T9G
						C551	B8G
						C552	T9G
						C910	B9D
3101056830040	Chip capacitor	GRM155R71C683KA88J 0.068uF K 16V X7R 0402	1			C452	T6D
3101051040060	Chip capacitor	GRM155R71C104KA88D 0.1uF K 16V X7R 0402 MU	1			C126	B5C
3101056840010	Chip capacitor	GRM36Y5V684Z10PN 0.68uF Z 10V Y5V 0402 MUR	1			C419	B7J
3101058200000	Chip capacitor	GRM1555C1H820J 82PF J 50V COG 0402 MURATA(	1			C178	T5B
3101052490020	Chip capacitor	GJM1555C1H2R4CB01 2.4PF C 50V COG HQ 0402	1			C149	T6D
3101050400010	Chip capacitor	GRM1555C1H4R0BZ01D 4PF B 50V COG 0402 MURA	1			C198	B6E
3101060100010	Chip capacitor	GRM1885C1H1R0BZ01D 1PF B 50V COG 0603 MURA	2			C709	B5G
						C717	B4G
3101061590010	Chip capacitor	GRM1885C1H1R5BZ01D 1.5PF B 50V COG 0603 MU	1			C705	B6G
3101060390000	Chip capacitor	GRM1885C1HR30BZ01D 0.3PF B 50V COG 0603 MU	2			C109	T4B
						C110	T4B
3101060500010	Chip capacitor	GRM1885C1H5R0BZ01D 5PF B 50V COG 0603 MURA	2			C703	B6G
						C813	B4J
3101060590010	Chip capacitor	GRM1885C1HR50BZ01D 0.5PF B 50V COG 0603 MU	2			C111	T4B
						C112	T4B
3101060600010	Chip capacitor	GRM1885C1H6R0BZ01D 6PF B 50V COG 0603 MUR	1			C213	T3J
3101062240000	Chip capacitor	GRM188R71A224KA01D 0.22uF K 10V X7R 0603 M	2			C237	T4C
						C522	T7L
3101063900000	Chip capacitor	C1608C0G1H390JT 39PF J 50V COG 0603 TDK (R	1			C212	T3I
3101061020000	Chip capacitor	GRM188R71H102KA01D 1000PF K 50V X7R 0603 M	28			C113	T4B

3101061030010      Chip capacitor GRM188R71H103KA01D 0.01UF K 25V X7R 0603 M      4

C114	T4B
C118	B4C
C205	T3H
C207	T3I
C208	T2H
C210	T3I
C215	T3J
C216	T2J
C217	T2I
C220	T2J
C223	T1I
C226	T3G
C232	T1G
C236	B3A
C526	T2L
C529	T4L
C532	T4L
C701	B5H
C708	B5F
C716	B4G
C718	B4F
C719	B4F
C720	B4F
C721	B4F
C723	B4F
C726	B5G
C812	B4I
C152	T5C
C227	T3G
C228	T3F

3101061040010	Chip capacitor GRM188R71C104KA01D/C1608X7R1C104K 0.1UF K MURATA/TDK (RoHS)	11	C512	B6L
			C222	T1H
			C235	T1G
			C518	B8M
			C519	B8M
			C520	B6M
			C521	B6M
			C528	T7L
			C536	T5L
			C540	T6L
			C541	T6L
3101061050000	Chip capacitor GRM188F51E105ZA12D 1UF Z 25V Y5V 0603 MURA	5	C711	B4H
			C408	B7G
			C414	B8F
			C434	B8K
			C513	B6L
3101061050020	Chip capacitor GRM188R61E105KA12D 1UF K 25V X5R 0603 MURA	1	C514	B8L
3101061500010	Chip capacitor GRM1885C1H150JA01D 15PF J 50V COG 0603 MUR	4	C412	B8G
			C204	B5E
			C219	T2J
			C714	B4G
3101062210000	Chip capacitor GRM1885C1H221JA01D 220PF J 50V COG 0603 MU	2	C722	B4F
			C702	B6H
			C704	B6G
3101062220010	Chip capacitor GRM39X7R222K50PFT 2200PF K 50V X7R 0603 MU	1	C416	B7F
3101062700010	Chip capacitor GRM1885C1H270JA01D 27PF J 50V COG 0603 MUR	2	C206	T3H
			C218	T2J
3101064700000	Chip capacitor GRM1885C1H470JA01D 47PF J 50V COG 0603 MUR	2	C712	B4H
			C725	B6H
3101064710000	Chip capacitor GRM188R71H471KA01D 470PF K 50V X7R 0603 MU	2	C530	T4L

3104084750040	Tantalum capacitor 1206 4.7uF K 16V TAJA475K016RNJ (RoHS)	2	C531	T4L
			C524	T8N
3104074750070	Tantalum capacitor TEESVP1A475M8R 4.7UF M 10V -55~+125°C P	17	C601	B5L
			C142	T5A
			C246	T5D
			C247	B6C
			C411	B8G
			C424	B8E
			C448	B8D
			C457	T6D
			C464	T8E
			C469	B8H
			C567	T8J
			C603	B6M
			C804	B6J
			C811	B5J
			C825	B6K
			C828	B4J
			C830	B6J
			C904	B8D
3104081060120	Tantalum capacitor TEESVA1C106M8R 10UF M 16V -55~+125°C S	4	C523	T7L
			C553	B8J
			C724	B6G
			C819	B6F
3104071060080	Tantalum capacitor TEESVP0J106M8R 10UF M 6.3V -55~+125°C P	1	C164	T6A
3104071560040	Tantalum capacitor F920J156MPA 15UF M 6.3V -55~+125°C P NI	1	C429	B8E
3104071040010	Tantalum capacitor TMCP1D104MTRF 0.1UF M 20V -55~+125°C P	1	C814	B4I
3104081040020	Tantalum capacitor TEESVA1V104M8R 0.1UF M 35V -55~+125°C S	1	C816	B4I
3104071050070	Tantalum capacitor TEESVP1C105M8R 1UF M 16V -55~+125°C P N	7	C241	T4D
			C417	B7F

						C418	B7E
						C517	B7K
						C608	B3M
						C906	B8C
						C907	B8C
3104081050090	Tantalum capacitor	TEESVA1C105M8R 1UF M 16V -55~+125°C S N	1			C221	T1H
3101081020010	Chip capacitor	631R18N102KV4E 1000pF K 630V NPO 1206 Joha	2			C108	B2C
						C229	T3F
3101081500010	Chip capacitor	501R18N150JV4E 15pF J 500V NPO 1206 Johans	4			C101	B1B
						C103	B2A
						C105	B2B
						C117	T3E
3101082200010	Chip capacitor	501R18N220JV4E 22pF J 500V NPO 1206 Johans	1			C116	T2D
3101082700010	Chip capacitor	501R18N270JV4E 27pF J 500V NPO 1206 Johans	1			C230	T2E
3101080600010	Chip capacitor	501R18N6R0DV4E 6pF D 500V NPO 1206 Johanso	1			C102	B2B
3101081800010	Chip capacitor	501R18N180JV4E 18pF J 500V NPO 1206 Johans	1			C231	T1E
3101080500010	Chip capacitor	501R18N5R0CV4E 5pF C 500V NPO 1206 Johanso	1			C104	B3B
3101080700010	Chip capacitor	501R18N7R0DV4E 7pF D 500V NPO 1206 Johanso	1			C107	B3C
3102992000000	Trimmer capacitor	TZY2Z060A001 6pF ±2.5pF 55V -25~+85°C (RoHS)	2			TC701	B6G
						TC702	B5G
3104083350050	Tantalum capacitor	F931C335MAA 3.3UF M 16V -55~+125°C A NI	2			C607	B2L
						C815	B4I
3104086850040	Tantalum capacitor	F931A685MAA 6.8UF M 10V -55~+125°C A NI	1			C181	T6C
3210306101000	Multi-layer chip inductor	LQG18HNR10J00 100nH J 300mA 0.9 Q:12 0603 MURATA(RoHS)	2			L112	B6D
						L119	B6I
3210306390000	Multi-layer chip inductor	LQG18HN39NJ00 39nH J 300mA 0.65 Q:12 0603 MURATA(RoHS)	4			L115	B4D
						L120	B6I
						L121	B5I
						L138	B6D
3210306560000	Multi-layer chip inductor	LQG18HN56NJ00 56nH J 300mA 0.75	2			L125	T3H



	Q:12 0603 MURATA(RoHS)			L126	T3H
3210306561010	Multi-layer chip inductor LQM18NNR56K00 560nH K 35mA 1.55	1		L114	B5D
	Q:15 0603 MURATA(RoHS)				
3210306820000	Multi-layer chip inductor LQG18HN82NJ00 82nH J 300mA 0.85	1		L122	B4E
	Q:12 0603 MURATA(RoHS)				
3213212103000	Wound chip inductor NLV25T-100J-PF 10uH J 155mA 3.5 $\Omega$ Q:2	1		L134	T6C
	1008 TDK(RoHS)				
3213212272000	Wound chip inductor NLV25T-2R7J-PF 2.7uH J 195mA 1.7 $\Omega$ Q:	4		L705	B5H
	1008 TDK(RoHS)			L706	B4H
				L708	B4G
				L709	B4F
3213212330000	Wound chip inductor NLV25T-033J-PF 33nH J 400mA 0.42 $\Omega$ Q:	1		L127	T2I
	1008 TDK(RoHS)				
3213212332000	Wound chip inductor NLV25T-3R3J-PF 3.3uH J 185mA 1.9 $\Omega$ Q:	3		L701	B5H
	1008 TDK(RoHS)			L702	B6H
				L704	B5F
3213212561000	Wound chip inductor NLV25T-R56J-PF 0.56uH J 325mA 0.75 $\Omega$	1		L802	B6J
	1008 TDK(RoHS)				
3213212680000	Wound chip inductor NLV25T-068J-PF 68nH J 320mA 0.65 $\Omega$ Q:	1		L128	T2J
	1008 TDK(RoHS)				
3221513600000	Bead BLM41PG600SN1 60 $\Omega$ 100MHz $\pm 25\%$ 6000mA $-55^{\circ}\sim +125^{\circ}\text{C}$ 18	2		L131	T1G
				L132	T1G
3221506601000	Bead BLM18AG601SN1 600 $\Omega$ 100MHz $\pm 25\%$ 500mA $-55^{\circ}\sim +125^{\circ}\text{C}$ 06	41		L129	T1I
				L135	B5B
				L137	B6C
				L501	T8E
				L503	T6F
				L504	T6G
				L505	T6G
				L506	B9G

L507	B8H
L508	B8G
L509	B9G
L510	B8G
L511	B9G
L512	B9G
L513	B8G
L514	B9G
L515	B8G
L516	B9G
L517	B8G
L518	B9G
L519	B8G
L520	B9G
L521	B8G
L522	B9F
L523	B8F
L524	B9F
L525	B8F
L526	B9F
L527	B8F
L528	B9F
L529	B8F
L530	B9F
L531	B8F
L532	B9F
L533	B8F
L534	B9H
L535	B9J
L801	B6J

			L803	B4K
			R157	T6A
			R831	B4I
3231803011000	Air core inductor 0.8*3.0*11TR (RoHS)	1	L101	B1C
3231803050000	Air core inductor 0.8*3.0*5TR (RoHS)	5	L102	B2B
			L103	B3B
			L104	B3C
			L105	T2D
			L130	T1D
3231803060000	Air core inductor 0.8*3.0*6TR (RoHS)	1	L133	T3E
3234599350000	Chip air core coil C6328 35nH C6328A-35NG SAGMI (RoHS)	2	L703	B5H
			L707	B4G
3302030500000	Zener diode UDZSTE(1710B)/UDZSNPTE(1710B) 10V 150°C SOD-3	1	D514	T7L
3302030500010	Zener diode UDZSTE(1715B)/UDZSNPTE(1715B) 15V 150°C SOD-3	1	D518	T6L
3302030500020	Zener diode UDZSTE(1718B)/UDZSNPTE(1718B) 18V 150°C SOD-32	1	D512	T6L
3302030500030	Zener diode UDZSTE(175.1B)/UDZSNPTE(175.1B) 5.1V 150°C S0 (RoHS)	2	D112	B5C
			D118	T1H
3302180100000	Zener Diode HZU5ALL-E 5V -55~150°C URP RENESAS (RoHS)	1	D802	B4J
3303010500040	Switching Diode 1SS355(TE17) 80V 100mA 1.2V/100mA -55~150 (RoHS)	5	D103	T4B
			D116	T2H
			D511	T7L
			D513	T7L
			D517	T6L
3303240000000	Switching diode BAS16XV2T1G 75V 200mA 1.25V 6ns -50°C~+1 ONSEMI (RoHS)	3	D501	T6F
			D801	B6I
			D803	B5F
3303030300000	Schottky Barrier Diode RB706F-40(T106) 40V 30mA 0.26V/1mA 323 Rohm (RoHS)	4	D101	T4B
			D102	T4B
			D117	T3I
			D401	T7D

3303030100010	Switching Diode DAN222(TL) 80V 100mA 1V/100mA -55~150℃ S (RoHS)	2	D113	T7B
			D114	T7B
3303030100020	Switching Diode DAN235E 35V 0.8V/10mA -55~125℃ SOT-416 R	1	D115	B5E
3303210100000	Switching Diode MA4P1250 50V 1V/50mA 4ns -65~175℃ 3*2mm	2	D104	T2E
			D105	T3D
3304010100160	Varactor 1SV278 (TH2, F, T) VR:30V 15pF/2VR 2.3pF/10VR 125℃ (RoHS)	1	D705	B6G
3304010100990	Varactor 1SV282 (TH3, F, T) VR:34V 35pF/2VR 2.8pF/25VR 125℃ (RoHS)	6	D701	B5H
			D703	B5H
			D706	B4H
			D707	B4H
			D708	B4H
			D709	B4H
3399990000240	Zener Diode UDZSTE(174.7B) 4.7V -55~150℃ SOD-323 Rohm (R	1	D119	T4B
3401001000490	PNP Transistor 2SA1832-GR (TE85L, F) 50V 150mA 200~400 -55~ TOSHIBA (RoHS)	1	Q802	B4J
3401002000140	NPN Transistor 2SC4215-Y (TE85L, F) 30V 20mA 100~200 -55~12 TOSHIBA (RoHS)	1	Q113	T5B
3401002000150	NPN Transistor 2SC4738F-GR (T5L, F) 50V 150mA 200~400 -55~1 TOSHIBA (RoHS)	1	Q803	B4J
3401002000290	NPN Transistor 2SC4116-GR (T5L, F, H) 50V 150mA 200~400 -55~ TOSHIBA (RoHS)	4	Q404	B8J
			Q704	B5F
			Q705	B4F
			Q801	B6F
3401002000990	NPN Transistor 2SC5108-Y (TE85L, F) 10V 30mA 120~240 -55~12 (RoHS)	3	Q101	B5F
			Q102	B6I
			Q703	B4G
3403002000000	PNP Transistor 2SB1132FD5T100R 32V 1A 82~390 -55~125℃ SC	2	Q601	B4L
			Q603	B2L
3403003000000	NPN Transistor 2SC2412K 50V 150mA 120~560 -55~150℃ SC-59	1	Q114	T4B

34030030000060	NPN Transistor 2SC4617TLS 50V 150mA 270~560 -55~150°C SC-	1	Q401	B7F
34030070000000	BRT DTA114EE(TL) Vce:50V VIoff:0.5V VIon:3V 70mA 150°C EM	8	Q105	T6C
			Q106	T5A
			Q504	T6J
			Q514	T6L
			Q516	T7L
			Q519	T7L
			Q520	T7L
			Q523	B8I
34030080000010	BRT DTC114EE(TL) Vce:50V VIoff:0.5V VIon:3V 100mA 150°C E	10	Q402	B8F
			Q501	T7F
			Q503	T6H
			Q513	T6M
			Q515	T6L
			Q517	T7L
			Q518	T7L
			Q602	B4L
			Q604	B2L
			Q706	B4F
34080020000010	NPN Transistor 2SC3357-T1-A-RF 12V 100mA 120 -65~150°C 1G (RoHS)	2	Q109	T3J
			Q110	T3I
34990000000140	N-JFET 2SK508-K52-T1B-A VGS:15V VGSoff:-1.4V IDSS:50mA 15 RoHS	2	Q701	B5G
			Q702	B4G
35010200000030	N-MOSFET 3SK318YB-TL-E-Q VDS:6V ID:20mA VGS(th):0.7V 150°C RENESAS (RoHS)	1	Q112	B6D
34180010000010	NPN Transistor AT-41511-TR1G 10V 50mA 150 -65~150°C SOT-1 (RoHS)	1	Q111	B4A
35010300000000	P-MOSFET 2SJ506STR-E VDS:-30V ID:-10A VGS(th):-1.5V 150°C (RoHS)	1	Q512	T4L
35030200000030	N-MOSFET 2SK1824-T1-A VDS:30V ID:100mA VGS(th):3.0V 150°C	6	Q403	B8G

	(RoHS)			Q405	B7J
				Q406	B7J
				Q502	T6G
				Q511	B6L
				Q521	B9L
3602017006350	[Moisture-proof] Audio amplifier TDA7297D 10W+10W 6.5~18V 40~+150°C PowerS020 ST (RoHS)	1	IC511	B7L	
3603018000000	IF processor BA4116FV 10~150MHZ 1.8~5.5V -30°C~+85°C SSOP (RoHS)	1	IC102	T6B	
3605002054590	Operational amplifier TA75W01FU(TE12L.F) 6~12V 250mW 100d amplifier -40~+85°C SSOP8 TOSHIBA (RoHS)	1	IC104	T4C	
3605002054790	Operational amplifier TA75W558FU(TE12L.F) 4~18V 250mW 100 operational amplifier -40~+85°C SSOP8 TOSHIBA (RoHS)	1	IC404	T6D	
3605002057090	Operational amplifier TA75S01F(TE85L.F) 6~12V 200mW 100dB amplifier -40~+85°C SSOP5 TOSHIBA (RoHS)	2	IC103	T4D	
3605002057290	Operational amplifier TC75W51FU(TE12.F) 1.5~7V 200mW 70dB amplifier -40~+85°C SSOP8 TOSHIBA (RoHS)	3	IC402	B7D	
				IC403	T8E
				IC405	B8K
3607002000180	Logic IC TC4013BF(EL,N,F) D-type flip flop 3~18V -40~85°C (RoHS)	1	IC512	T7M	
3608002020890	Power management IC TA7805F(TE16L.F) Regulators 5V 1.0A - TOSHIBA (RoHS)	1	IC602	B5L	
3608015005600	Power management IC XC62FP3502PR Regulators 3V 250mA -40~ TOREX (RoHS)	1	IC803	B4K	
3609007001590	【Moisture-proof】 IF processor MB15A02PFV1-E1 1.1GHz -40~ synthesizer SSOP-16 Fujitsu (RoHS)	1	IC801	B5J	
3612022000000	Memory CAT24C256WI-G EEPROM 256K 1.8~5.5V -40~85°C SOIC-8 (RoHS)	1	IC501	T6I	
3613034001060	[Moisture-proof] Baseband processor AK2346-E2 processing transmission and reception 1.5~5.9V -30~+75°C VSOP-24 AKM (RoHS)	1	IC401	B8E	

3701016850020	TCXO ENE3148A 16.8MHz 3.0V $\pm 2.0\text{ppm}$ $-30^{\circ}\text{C}\sim +75^{\circ}\text{C}$ SMD NDK (	1	IC802	B6J
3701098340010	Crystal DSX530GA-9.8304M 9.8304MHz $\pm 30\text{ppm}$ 20pF $-30^{\circ}\text{C}\sim +75$ (RoHS)	1	X501	T7E
3701368630000	Crystal NX1255GB 3.6864MHz $\pm 100\text{ppm}$ 20pF $-40^{\circ}\text{C}\sim +125^{\circ}\text{C}$ SMD	1	X402	B9E
3802499540040	Crystal Filter DSF753SBF 49.95MHz $\pm 6.0\text{kHz}$ $-20^{\circ}\text{C}\sim +70^{\circ}\text{C}$ SM	1	XF200	T6C
5205015000000	Board-to-cable connector 1251S-15-SM1 15Pin 1.25mm male D (RoHS)	1	J503	T8L
5207032000000	FPC connector 52559-3272 32PIN 0.50mm SMD (RoHS)	1	J501	T9G
3610045000200	[Moisture-proof] MCU M3062LFGPGP 16-bit 2.7~5.5V 20MHz -4 100 Renesas (RoHS)	1	IC502	T7G
410M6101001A0	PCB TM-610V/TM-628V FR4 6L 2P 188.25*153.00*1.60mm A (RoH	1		
40020000000300	Fuse 0467.500NR 32V 0.5A 0603-FF LITTELFUSE (RoHS)	2	FP101	T8H
			FP102	T9H
3609999000330	Reset IC CN813LESA 4.65V $-40\sim +85^{\circ}\text{C}$ SOP-8 CONSONANCE ( RoHS	1	IC901	T6E
3411002000020	NPN Transistor 2SC5343EG 50V 150mA 200~400 $-55\sim 150^{\circ}\text{C}$ SOT-	1	Q901	T6F
3002996830060	Trimmer resistor EVM2NSX80BS4 68K $\pm 25\%$ 0.15W, temperatur coefficient: $\pm 250\times 10^{-6}/^{\circ}\text{C}$ , 2.2*2.81*0.81 PANASONIC (RoHS)	2	VR801	T5K
			VR802	T8H
3103994760180	Electrolytic Capacitor EEEFK1E470P 47uf M 25V $-55\sim +105^{\circ}\text{C}$	2	C234	T2F
	PANASONIC (RoHS)		C533	T5L
3101051010030	Chip capacitor GRM1555C1H101JZ01D 100PF J 50V C0G 0402 MU	3	C128	B4A
			C130	B4B
			C136	B5B
3231301250000	Air core inductor E2-0.30*1.2*5TL (RoHS)	6	L106	B4C
			L108	B4C
			L111	B6B
			L116	B4B
			L136	B6A
			L146	B6B
3304060300040	Varactor HVC362TRF-E VR:15V 45pF/1VR 12.5pF/4VR $125^{\circ}\text{C}$ UFP	6	D107	B5B
			D108	B5C

						D109	B5B
						D110	B5B
						D111	B5C
						D120	B5C
3399990000260	Rectifier Diode HSM88ASTL-E 10V 15mA 380mV/1mA -55~125℃ (RoHS)	1			D418	B4B	
3101055600000	Chip capacitor GRM1555C1H560JZ01D 56PF J 50V COG 0402 MUR	1		C244	B4B		
3215107680000	Wound chip inductor LLQ2012-F68NG 68nH G 500mA 0.38Ω -40 0805 TOKO (RoHS)	1		L139	B4B		
3101051000020	Chip capacitor GRM1555C1H100JZ01D 10PF J 50V COG 0402 MUR	5		C133	B6B		
				C137	B6B		
				C138	B6B		
				C173	T6B		
				C245	B6B		
3210306150000	Multi-layer chip inductor LQG18HN15NJ00D 15nH J 350mA 0.4 Q:12 0603 MURATA (RoHS)	1		L144	B6C		
3303020100080	★MA2S07700L 35V 100mA 0.92V/100mA -25~85℃ SS-Mini Panas (RoHS)	2		D804	B4I		
				D805	B4I		
3001054320000	Chip resistor RTT02/RC0402 4.3KΩ J 1/16W -55~+155℃ 0402 (RoHS)	2		R527	T8F		
				R528	T8F		
3701049550020	crystal oscillator NX3225SA-49.5M 49.5MHz ±10PPM 12pF -2 (RoHS)	1		X401	T6A		
3101051200020	Chip capacitor GRM1555C1H120JZ01D 12PF J 50V COG 0402 MUR	1		C233	B4C		
3101052010000	Chip capacitor GRM36COG201J50PT 200PF J 50V COG 0402 MURA	1		C435	B8K		
3001051510010	Chip resistor RTT02/RC0402 150Ω F 1/16W -55~+155℃ 0402 (RoHS)	1		R137	B6D		
3101061000000	Chip capacitor GRM1885C1H100JA01D 10PF J 50V COG 0603 MUR	2		C706	B5F		
				C707	B5G		
3101061800000	Chip capacitor GRM1885C1H180JA01D 18PF J 50V COG 0603 MUR	2		C713	B4G		
				C715	B4G		



3210406331000	Multi-layer chip inductor LQM18NNR33K00 330nH K 35mA 0.85 Q:15 0603 MURATA(RoHS)	1	L113	B5D
3210106560000	Wound chip inductor LQW18AN56NG00 56nH G 360mA 0.35ohm -5 0603 MURATA(RoHS)	1	L109	B4A
3001066810010	Chip resistor RTT03/RC0603 680Ω J 1/10W -55~+155℃ 0603 (RoHS)	1	R181	T2I
1616100001430	Embedded software of HYT mobile radio (RoHS)	1		
3001061540000	Chip resistor RTT03/RC0603 150KΩ J 1/10W -55~+155℃ 0603 (RoHS)	1	R717	B6G
3001052740000	Chip resistor RTT02/RC0402 270KΩ J 1/16W -55~+155℃ 0402 (RoHS)	1	R446	T8K
3001052790000	Chip resistor RTT02/RC0402 2.7Ω J 1/16W -55~+155℃ 0402 (RoHS)	1	R122	B4A
3101054730000	Chip capacitor GRM155R71A473KA01D 0.047UF K 10V X7R 0402	1	C436	B8K
3302060000000	Zener diode ZSH5MA27 27V -40℃~+150℃ SMD HITACHI (RoHS)	1	D516	T2M

Main board PN	1301006250000			
Description	TM-628H Semi-finished chip control panel (RoHS)			
P/N	description	number	code	position
3001061010000	Chip resistor RTT03/RC0603 100 $\Omega$ J 1/10W -55~+155℃ 0603 RAI (RoHS)	2	R341 R344	T3A B4H
3001061030000	Chip resistor RTT03/RC0603 10K $\Omega$ D 1/10W -55~+155℃ 0603 RAI (RoHS)	1	R304	B1B
3001061040000	Chip resistor RTT03/RC0603 100K $\Omega$ D 1/10W -55~+155℃ 0603 R/ (RoHS)	1	R319	B3D
3001061210000	Chip resistor RTT03/RC0603 120 $\Omega$ J 1/10W -55~+155℃ 0603 RAI (RoHS)	1	R311	T2J
3001061830000	Chip resistor RTT03/RC0603 18K $\Omega$ D 1/10W -55~+155℃ 0603 RAI (RoHS)	2	R308 R313	T2G T2J
3001062700000	Chip resistor RTT03/RC0603 27 $\Omega$ J 1/10W -55~+155℃ 0603 RAI (RoHS)	1	R306	T2C
3001063310010	Chip resistor RTT03/RC0603 330 $\Omega$ J 1/10W -55~+155℃ 0603 RAI (RoHS)	1	R301	B4H
3001063920000	Chip resistor RTT03/RC0603 3.9K $\Omega$ J 1/10W -55~+155℃ 0603 R/ (RoHS)	1	R307	TG2
3101064710000	Chip capacitor GRM188R71H471KA01D 470PF K 50V X7R 0603 MURAI	2	C301 C302	T2C T2C
3399010600000	Diode HSB123TR-E RENESAS (RoHS)	3	D303 Q305 Q306	T2C B5H B3C
3403002000000	PNP Transistor 2SB1132FD5T100R 32V 1A 82~390 -55~125℃ SC-62	1	Q302	T2D
3403008000010	BRT DTC114EE(TL) Vce:50V VIoff:0.5V VIon:3V 100mA 150℃ EMT3	3	Q301 Q303 Q304	B1B T2H T2J
3609023000020	[Moisture-proof] Driver PCF8576DH/2+518 1.8~5.5V 16-Bit TM-6 Drive-40~+85℃ TQFP64 Philips (RoHS)	1	IC301	T2E

5207032000000	FPC connector 52559-3272 32PIN 0.50mm SMD (RoHS)	1 J302	B2D
3213306221010	Multi-layer chip inductor MLF1608DR22KT 0.22uH K 50mA 0.8Ω 25~+85℃ 0603 TDK(RoHS)	1 L302	T5C
3001050000000	Chip resistor RTT02/RC0402 0Ω J 1/16W -55~+155℃ 0402 RALEC (RoHS)	1 R320	B4H
3001051010000	Chip resistor RTT02/RC0402 100Ω J 1/16W -55~+155℃ 0402 RAI (RoHS)	2 R321 R342	T5C B3E
3001051520000	Chip resistor RTT02/RC0402 1.5KΩ J 1/16W -55~+155℃ 0402 R/ (RoHS)	2 R315 R316	T1E T1E
3221506601000	Bead BLM18AG601SN1 600Ω 100MHz ±25% 500mA -55~+125℃ 0603	7 L300 L303 L304 L305 L306 L307 L308	B5I B2E B3C T3G B3C B3D B3E
3001051210000	Chip resistor RTT02/RC0402 120Ω J 1/16W -55~+155℃ 0402 RAI (RoHS)	1 R310	T1I
3307110200000	【Moisture-proof】LED KPB-3025SURKCGKC Hyper Red&Green 160mcd(R)+40mcd(G) 30mA 1.95V(R)+2.1V(G) -40~85℃ 3.0*2.5mm KingBright (RoHS)	1 LED	T1J
3101051030020	Chip capacitor GRM155R71E103KA01D 0.01UF K 25V X7R 0402 MUR/ 40020000000180 【FM/Ex】 Fuse 0467.250NR 32VAC 0.25A 0603-FF LITTELFUSE (RoHS)	1 C304 2 FP101 FP102	T1G B4I B4H
3307110000000	【Moisture-proof】LED KP-1608SECK Super Bright Orange 160mcd 40~85℃ 1.6X0.8mm SMD Kingbright (RoHS)	9 LED302 LED303 LED304 LED306 LED307 LED308	T1D T1F T1G T4H T3I T2I

			LED309	T4D
			LED310	T4E
			LED311	T4G
3001051020010	Chip resistor RTT02/RC0402 1K $\Omega$ J 1/16W -55~+155℃ 0402 RALF (RoHS)	1 R340		B5H
3001062230000	Chip resistor RTT03/RC0603 22K $\Omega$ J 1/10W -55~+155℃ 0603 RAI (RoHS)	1 L301		B3I
3001051530000	Chip resistor RTT02/RC0402 15K $\Omega$ J 1/16W -55~+155℃ 0402 RAI (RoHS)	1 C310		B4I
410M6251002C0	PCB control board TM-628H FR4 2L 4P 94.5*35*1.2mm C (RoHS)	1		