

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
2N2222/A	Onsemi	KTN2222/A	2SA1150	Toshiba	KTA1272	2SA1510	Sanyo	KRA110S	2SB546A	NEC	KTB1369
2N2369/A	Onsemi	KTN2369/A	2SA1151	NEC	KTA1266	2SA1511	Sanyo	KRA110M	2SB560	Sanyo	KTA1023
2N2906	Onsemi	2N3906	2SA1156	NEC	KTA1277	2SA1518	Sanyo	KRA224S	2SB561	Renesas	KTA1270
2N2907/A	Onsemi	KTN2907/A	2SA1156	NEC	KTA1703	2SA1519	Sanyo	KRA223S	2SB562	Renesas	KTA1273
2N3904	Onsemi	2N3904	2SA1162	Toshiba	KTA1504S	2SA1520	Sanyo	KRA226S	2SB566	Renesas	KTB1368
2N3906	Onsemi	2N3906	2SA1173	NEC	KTA1660	2SA1521	Sanyo	KRA222S	2SB568	Renesas	KTB1369
2N5400	Onsemi	2N5400	2SA1175	NEC	KTA1267	2SA1522	Sanyo	KRA224M	2SB595	Toshiba	KTA1049
2N5401	Onsemi	2N5401	2SA1179	Sanyo	KTA1504S	2SA1523	Sanyo	KRA223M	2SB596	Toshiba	KTB1368
2N5550	Onsemi	2N5550	2SA1182	Toshiba	KTA1505S	2SA1524	Sanyo	KRA226M	2SB604	Panasonic	KTB1368
2N5551	Onsemi	2N5551	2SA1184	Toshiba	KTA1659A	2SA1525	Sanyo	KRA222M	2SB624	NEC	KTA1298
2SA473	Toshiba	KTA1658	2SA1191	Renesas	KTA1268	2SA1552	Sanyo	KTA1225D	2SB628	NEC	KTA1659A
2SA539	NEC	KTA1266	2SA1200	Toshiba	KTA1660	2SA1552	Sanyo	KTA1225L	2SB631K	Sanyo	KTB631K
2SA555	Fujitsu	KTA1266	2SA1201	Toshiba	KTA1661	2SA1559	Rohm	KTA1270	2SB646A	Renesas	KTA1024
2SA562TM	Toshiba	KTA1270	2SA1202	Toshiba	KTA1662	2SA1563	Sanyo	KRA107S	2SB647/A	Renesas	KTA1023
2SA564A	Panasonic	KTA1266	2SA1203	Toshiba	KTA1663	2SA1564	Sanyo	KRA107M	2SB649/A	Renesas	KTA1700
2SA574	JRC	KTA1266	2SA1204	Toshiba	KTA1001	2SA1576	Rohm	KTA2014	2SB649A	Renesas	KTA1700
2SA608	Sanyo	KTA1266	2SA1208	Sanyo	KTA1024	2SA1577	Rohm	KTA2015	2SB686	Toshiba	KTB688
2SA671	Renesas	KTA1046	2SA1213	Toshiba	KTA1666	2SA1579	Rohm	KTA2017	2SB688	Toshiba	KTB688
2SA673	Renesas	KTA1270	2SA1214	Toshiba	KTB1366	2SA1584	Rohm	KTA2017	2SB698	Sanyo	KTA1271
2SA683	Panasonic	KTA1273	2SA1220	NEC	KTA1704	2SA1586	Toshiba	KTA2014	2SB703	NEC	KTB1368
2SA684	Panasonic	KTA1281	2SA1222	NEC	KTA1275	2SA1587	Toshiba	KTA2017	2SB708	NEC	KTB1370
2SA715	Renesas	KTA1658	2SA1225	Toshiba	KTA1225D	2SA1588	Toshiba	KTA2015	2SB709A	Panasonic	KTA1504S
2SA719	Panasonic	KTA1270	2SA1225	Toshiba	KTA1225L	2SA1589	Sanyo	KRA113S	2SB710	Panasonic	KTA1505S
2SA733	NEC	KTA1266	2SA1235	Renesas	KTA1504S	2SA1590	Sanyo	KRA113M	2SB719	Renesas	KTB1369
2SA738	Renesas	KTA1658	2SA1241	Toshiba	KTA1718D	2SA1591	Sanyo	KRA106M	2SB720	Renesas	KTB1369
2SA740	Toshiba	KTB1369	2SA1241	Toshiba	KTA1718L	2SA1597	Sanyo	KRA106S	2SB725	Panasonic	KTA1266
2SA769	Sanken	KTB1368	2SA1242	Toshiba	KTA1242L	2SA1603	Renesas	KTA2014	2SB739	Renesas	KTA1273
2SA771	Sanken	KTA1049	2SA1242	Toshiba	KTA1242D	2SA1606	Sanyo	KTA1659A	2SB746	Renesas	KTA1270
2SA777	Panasonic	KTA1274	2SA1244	Toshiba	KTA1385D	2SA1608	NEC	KTA2015	2SB761/A	Panasonic	KTA1046
2SA812	NEC	KTA1504S	2SA1244	Toshiba	KTA1385L	2SA1608	NEC	KTA2014	2SB762	Panasonic	KTB1368
2SA813	NEC	KTA1504S	2SA1246	Sanyo	KTC3198	2SA1611	NEC	KTA2017	2SB764	Sanyo	KTA1281
2SA817A	Toshiba	KTA1274	2SA1252	Sanyo	KTA1504S	2SA1612	Sanyo	KTA2014	2SB766	Panasonic	KTA1663
2SA839	Toshiba	KTB1369	2SA1264N	Toshiba	KTB688	2SA1625	NEC	KTA1277	2SB767	Panasonic	KTA1662
2SA843	Panasonic	KTB1369	2SA1282A	Renesas	KTA1273	2SA1647	NEC	KTA1042L	2SB772	Sanyo	KTB772
2SA844	Renesas	KTA1266	2SA1284	Renesas	KTA1274	2SA1653	Sanyo	KRA119S	2SB776	Sanyo	KTB688
2SA854	Rohm	KTA1270	2SA1285	Renesas	KTA1024	2SA1654	Sanyo	KRA119M	2SB776	Renesas	KTB1368
2SA896	Sony	KTA1024	2SA1286	Renesas	KTA1273	2SA1655	Sanyo	KRA101S	2SB789A	Panasonic	KTA1661
2SA916	Renesas	KTA1024	2SA1296	Toshiba	KTA1273	2SA1655	Sanyo	KRA101M	2SB798	NEC	KTA1663
2SA917	Sony	KTA1024	2SA1304	Toshiba	KTB1369	2SA1656	Sanyo	KRA304	2SB798	NEC	KTA1661
2SA928	Sony	KTA1273	2SA1306	Toshiba	KTA1659A	2SA1676	Sanyo	KRA303	2SB805	Panasonic	KTA1660
2SA933	Rohm	KTA1266	2SA1309A	Panasonic	KTA1267	2SA1677	Sanyo	KRA302	2SB807	Sanyo	KTA1021
2SA933S	Rohm	KTA1267	2SA1312	Toshiba	KTA1517	2SA1678	Sanyo	KRA302	2SB808	Sanyo	KTA1021
2SA934	Rohm	KTA1273	2SA1314	Toshiba	KTA1001	2SA1689	Sanyo	BF421	2SB810	NEC	KTA1271
2SA935	Rohm	KTA1023	2SA1317	Sanyo	KTA1267	2SA1694	Sanken	KTB688	2SB811	Panasonic	KTA1517
2SA940	Toshiba	KTB1369	2SA1318	Sanyo	KTA1266	2SA1694	Sanken	KTA1940	2SB815	Sanyo	KTA1298
2SA949	Toshiba	KTA1024	2SA1335	Rohm	KTA1268	2SA1695	Sanken	KTA1695	2SB816	Sanyo	KTB688
2SA950	Toshiba	KTA1271	2SA1338	Sanyo	KTA1505S	2SA1706	Sanyo	KTA1281	2SB817	Sanyo	KTB817
2SA952	NEC	KTA1271	2SA1341	Sanyo	KRA104S	2SA1721	Toshiba	KTA1073T	2SB834	Toshiba	KTA1046
2SA957	Sanken	KTB1369	2SA1342	Sanyo	KRA103S	2SA1722	Sanyo	KRA318	2SB849	NEC	KTB688
2SA958	Sanken	KTB1369	2SA1343	Sanyo	KRA109S	2SA1727	Rohm	KTA1703	2SB856	Renesas	KTA1046
2SA965	Toshiba	KTA1023	2SA1344	Sanyo	KRA102S	2SA1742	NEC	KTB1370	2SB858	Renesas	KTB1368
2SA966	Toshiba	KTA1273	2SA1345	Sanyo	KRA104M	2SA1745	Sanyo	KTA2015	2SB861	Renesas	KTB1369
2SA968	Toshiba	KTA1659	2SA1346	Sanyo	KRA103M	2SA1767	Panasonic	BF421	2SB864	Renesas	KTA1266
2SA968A	Toshiba	KTA1659A	2SA1347	Sanyo	KRA109M	2SA1774	Rohm	KTA2014E	2SB874	Renesas	KTA1715
2SA970	Toshiba	KTA1268	2SA1348	Sanyo	KRA102M	2SA1774H	Rohm	KTA2014E	2SB887	Sanyo	KTB2510
2SA973	Panasonic	KTA1266	2SA1358	Toshiba	KTB631K	2SA1775	Rohm	KTA1703	2SB890	Rohm	KTA200
2SA984	Sanyo	MPSA06	2SA1360	Toshiba	KTA1360	2SA1788	Rohm	KTB778	2SB892	Sanyo	KTA1281
2SA985A	NEC	KTA1659A	2SA1362	Toshiba	KTA1298	2SA1797	Rohm	KTA1666	2SB899	Renesas	KTA1046
2SA989	NEC	KTA1266	2SA1363	Renesas	KTA1001	2SA1832	Toshiba	KTA2014E	2SB901	Renesas	KTB1368
2SA990	NEC	KTA1266L	2SA1366	Rohm	KTA1505S	2SA1832F	Toshiba	KTA2014E	2SB920/L	Sanyo	KTA1049
2SA992	NEC	KTA1268	2SA1368	Renesas	KTA1662	2SA1832FT	Toshiba	KTA2014V	2SB940A	Panasonic	KTB1369
2SA1011	Sanyo	KTA1659A	2SA1368	Renesas	KTA1662	2SA1834	Rohm	KTA1834D	2SB941	Panasonic	KTA1046
2SA1013	Toshiba	KTA1275	2SA1370L	Sanyo	KTA1070	2SA1859A	Sanken	KTB1369	2SB942/A	Panasonic	KTB1368
2SA1015	Toshiba	KTA1266	2SA1381	Sanyo	KTA1381	2SA1862	Rohm	KTA1862D	2SB946	Panasonic	KTB1370
2SA1016K	Sanyo	KTA1268	2SA1384	Rohm	KTA1384D	2SA1868	Panasonic	KTA1277	2SB956	Panasonic	KTA1663
2SA1019	Sanyo	KTA1024	2SA1385	NEC	KTA1385D	2SA1873	Toshiba	KTA501U	2SB965	Renesas	KTB688
2SA1020	Toshiba	KTA1281	2SA1400	NEC	KTA1277	2SA1873	Rohm	KTA1666	2SB966	Renesas	KTB688
2SA1030	Renesas	KTA1266	2SA1408	Toshiba	KTA1700	2SA1900	Toshiba	KTA1703	2SB984	NEC	KTA1275
2SA1032	Renesas	KTA1266L	2SA1412-Z	NEC	KTA1862D	2SA1924	Toshiba	KTA1940	2SB1010	Rohm	KTA1273
2SA1036K	Rohm	KTA1505S	2SA1416	Sanyo	KTA1661	2SA1940	Rohm	KTA1385D	2SB1015	Toshiba	KTA1046
2SA1037K	Rohm	KTA1504S	2SA1470	Sanyo	KTB1370	2SA1952	Toshiba	KTA1962	2SB1016	Toshiba	KTA1049
2SA1037AK	Rohm	KTA1504S	2SA1490	Sanken	KTB688	2SA1962	Toshiba	KTA1962	2SB1017	Toshiba	KTB1368
2SA1038	Rohm	KTA1268	2SA1492	Sanken	KTA1962	2SA1993E	Renesas	KTA1266	2SB1018	Toshiba	KTB1370
2SA1048	Toshiba	KTA1267	2SA1496	Sanyo	KRA111S	2SA2029	Rohm	KTA2014V	2SB1025	Renesas	KTA1661
2SA1049	Toshiba	KTA1268	2SA1497	Sanyo	KRA111M	2SA2030	Rohm	KTA2012V	2SB1025	Renesas	KTA1661
2SA1069	NEC	KTA1049	2SA1498	Panasonic	KRA111M	2SB434	Toshiba	KTA1046	2SB1030	Panasonic	KTA1271
2SA1111	Panasonic	KTA1659A	2SA1502	Sanyo	KTA1703	2SB507	Sanyo	KTA1046	2SB1032K	Renesas	KTB2510
2SA1121	Renesas	KTA1505S	2SA1503	Sanyo	KRA118S	2SB512	Panasonic	KTA1046	2SB1033	Rohm	KTA1046
2SA1127	Panasonic	KTA1266L	2SA1507	Sanyo	KRA118M	2SB521	Sony	KTA1049	2SB1053	Panasonic	KTA1504S
2SA1145	Toshiba	KTA1024	2SA1508	Sanyo	KTA1700	2SB528	Renesas	KTB1369	2SB1063	Panasonic	KTA1049
			2SA1509	Sanyo	KRA114S	2SB544	Sanyo	KTA1273	2SB1069	Panasonic	KTA1658
					KRA114M	2SB546	NEC	KTB1369	2SB1085A	Rohm	KTA1659A

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
2SB1095	NEC	KTA1049	2SC1173	Toshiba	KTC4369	2SC2613	Renesas	KTC4419	2SC3396	Sanyo	KRC103S
2SB1096	NEC	KTBI369	2SC1213	Renesas	KTC3202	2SC2618	Renesas	KTC3876S	2SC3397	Sanyo	KRC109S
2SB1111	NEC	KTA1715	2SC1213A	Renesas	KTC200	2SC2620	Renesas	KTC3880S	2SC3398	Sanyo	KRC102S
2SB1114	NEC	KTA1001	2SC1342	Renesas	KTC3194	2SC2621	Sanyo	KTC2801	2SC3399	Sanyo	KRC104M
2SB1119	Sanyo	KTA1664	2SC1371	Panasonic	KTC3202	2SC2655	Toshiba	KTC3209	2SC3400	Sanyo	KRC103M
2SB1120	Sanyo	KTA1001	2SC1384	Renesas	KTC3209	2SC2668	Toshiba	KTC3195	2SC3401	Sanyo	KRC109M
2SB1123	Sanyo	KTA1666	2SC1398	Panasonic	KTC4369	2SC2670	Toshiba	KTC3191	2SC3402	Sanyo	KRC102M
2SB1123	Sanyo	KTA1666	2SC1419	Renesas	KTC2026	2SC2688	NEC	KTC4217	2SC3421	Toshiba	KTD600K
2SB1132	Rohm	KTA1664	2SC1505	NEC	KTC3208	2SC2703	Toshiba	KTD863	2SC3423	Toshiba	KTC3423
2SB1132	Rohm	KTA1664	2SC1569	Toshiba	KTC3208	2SC2705	Toshiba	KTC3206	2SC3440	Renesas	KTC3265
2SB1142	Sanyo	KTA1715	2SC1573	Panasonic	KTC3207	2SC2712	Toshiba	KTC3875S	2SC3444	Renesas	KTC4378
2SB1151	NEC	KTBI151	2SC1623	NEC	KTC3875S	2SC2713	Toshiba	KTC3911S	2SC3446	Sanyo	KTC4520F
2SB1181	Rohm	KTA1045D	2SC1674	NEC	KTC3194	2SC2714	Toshiba	KTC3880S	2SC3447	Sanyo	KTC4521F
2SB1182	Rohm	KTA1718D	2SC1675	NEC	KTC3192	2SC2715	Toshiba	KTC4079	2SC3468	Sanyo	KTC3207
2SB1184	Rohm	KTA1040D	2SC1684	Panasonic	KTC3190	2SC2724	Renesas	KTC3121	2SC3503	Sanyo	KTC3503
2SB1186A	Rohm	KTA1659A	2SC1685	Panasonic	KTC3198	2SC2732	Renesas	KTC3882	2SC3518	NEC	KTC5103D
2SB1187	Rohm	KTA1046	2SC1730	NEC	KTC2347	2SC2736	Renesas	KTC3121	2SC3518-Z	NEC	KTC5103D
2SB1188	Rohm	KTA1663	2SC1740	Rohm	KTC3198	2SC2755	NEC	KTC3880S	2SC3545K	NEC	KTC3121
2SB1189	Rohm	KTA1661	2SC1740S	Rohm	KTC3199	2SC2776	Renesas	KTC3879S	2SC3570	NEC	KTC4419
2SB1197K	Rohm	KTA1298	2SC1741	Rohm	KTC3202	2SC2784P	NEC	KTC3200	2SC3620	Toshiba	KTC2801
2SB1201	Sanyo	KTA1718L	2SC1741S	Rohm	KTC1020	2SC2785	NEC	KTC3199	2SC3621	Toshiba	KTC2800
2SB1201	Sanken	KTA1718D	2SC1809	Rohm	KTC3194	2SC2786	NEC	KTC3195	2SC3623	NEC	KTC3113
2SB1202	Sanyo	KTA1040D	2SC1815	Toshiba	KTC3198	2SC2812	Sanyo	KTC3875S	2SC3624	Toshiba	KTC3295
2SB1202	Sanyo	KTA1040L	2SC1826	Sanken	KTD2026	2SC2814	Sanyo	KTC3881S	2SC3631	NEC	KTC3631D
2SB1203	Sanyo	KTA1385D	2SC1841	NEC	KTC3200	2SC2839	Sanyo	KTC3194	2SC3691	NEC	KTC2028
2SB1203	Sanyo	KTA1385L	2SC1845	NEC	KTC3200	2SC2856	Renesas	KTC3200	2SC3830	Sanken	KTC4521F
2SB1205	Sanyo	KTA1242D	2SC1881	Renesas	KTD2424	2SC2859	Toshiba	KTC3876S	2SC3856	Sanken	KTC5242
2SB1205	Sanyo	KTA1242L	2SC1905	Panasonic	KTC3208	2SC2873	Toshiba	KTC4379	2SC3859	Sanyo	KRC111S
2SB1212	Rohm	KTA1275	2SC1913	Panasonic	KTD2061	2SC2873	Toshiba	KTC4379	2SC3860	Sanyo	KRC111M
2SB1216	Sanyo	KTA1042D	2SC1921	Renesas	KTC3229	2SC2878	Toshiba	KTC2874	2SC3863	Sanyo	KRC118S
2SB1216	Sanyo	KTA1042L	2SC1923	Toshiba	KTC3194	2SC2880	Toshiba	KTC4372	2SC3864	Sanyo	KRC118M
2SB1218	Panasonic	KTA1504S	2SC1959	Toshiba	KTC3202	2SC2881	Toshiba	KTC4373	2SC388A	Toshiba	KTC3197
2SB1218A	Panasonic	KTA2014	2SC1983	Sanken	KTD2092	2SC2882	Toshiba	KTC4374	2SC3898	Sanyo	KRC114S
2SB1219	Panasonic	KTA2015	2SC2001	NEC	KTC3203	2SC2883	Toshiba	KTC4375	2SC3899	Sanyo	KRC114M
2SB1220	Panasonic	KTA2017	2SC2060	Rohm	KTD863	2SC2884	Toshiba	KTC4376	2SC3900	Sanyo	KRC110S
2SB1234	Sanyo	KTBI234T	2SC2061	Rohm	KTC1006	2SC2982	Toshiba	KTC4377	2SC3901	Sanyo	KRC110M
2SB1237	Rohm	KTA1273	2SC2073	Toshiba	KTD2061	2SC2983	Toshiba	KTC2983D	2SC3906K	Rohm	KTC3911S
2SB1240	Rohm	KTA1281	2SC2075	Toshiba	Conserved/Discontinued	2SC2983	Toshiba	KTC2983L	2SC3912	Sanyo	KRC244S
2SB1261	NEC	KTA1040L	2SC2078	Sanyo	Conserved/Discontinued	2SC3068	Sanyo	KTC3112	2SC3913	Sanyo	KRC243S
2SB1274	Sanyo	KTA1046	2SC2120	Toshiba	KTC3203	2SC3072	Toshiba	KTC3072D	2SC3914	Sanyo	KRC246S
2SB1275	Rohm	KTA1225D	2SC2167	Sanken	KTD2061	2SC3072	Toshiba	KTC3072L	2SC3915	Sanyo	KRC242S
2SB1290	Rohm	KTBI370	2SC2168	Sanken	KTD2061	2SC3074	Toshiba	KTC5103L	2SC3916	Sanyo	KRC244M
2SB1293	Rohm	KTA1049	2SC2210	Sanyo	KTC3193	2SC3074	Toshiba	KTC5103D	2SC3917	Sanyo	KRC243M
2SB1294	Rohm	KTA1049	2SC2228	Sanyo	KTC1026	2SC3076	Toshiba	KTC2815L	2SC3918	Sanyo	KRC246M
2SB1294	Rohm	KTA1049	2SC2229	Toshiba	KTC3206	2SC3112	Toshiba	KTC3112	2SC3919	Sanyo	KRC242M
2SB1315	NEC	KTBI688	2SC2230	Toshiba	KTC1026	2SC3113	Toshiba	KTC3113	2SC3920	Sanyo	KTC2800
2SB1316	Rohm	MJD117	2SC2233	Toshiba	KTC1003	2SC3121	Toshiba	KTC3121	2SC3930	Panasonic	KTC4079
2SB1328	Rohm	KTA1700	2SC2235	Toshiba	KTC1027	2SC3124	Toshiba	KTC3882	2SC3931	Panasonic	KTC4081
2SB1364	Renesas	KTA1663	2SC2236	Toshiba	KTC3205	2SC3125	Toshiba	KTC3881S	2SC3932	Panasonic	KTC4021
2SB1371	Panasonic	KTBI688	2SC2238	Toshiba	KTC4370A	2SC3134	Sanyo	KTC3875S	2SC3938	Panasonic	KTC4076
2SB1374	Rohm	KTA1281	2SC2239	Toshiba	KTD2061	2SC3142	Sanyo	KTC3880S	2SC3969	Rohm	KTC4520F
2SB1375	Toshiba	KTA1046	2SC2240	Toshiba	KTC3200	2SC3142A	Renesas	KTC3205	2SC4002	Sanyo	MPSA44
2SB1385	NEC	KTA1385L	2SC2274	Sanyo	KTC200	2SC3181N	Toshiba	KTD718	2SC4008	Rohm	KTD2060
2SB1409L	Renesas	KTA1225L	2SC2275A	NEC	KTC4370A	2SC3187	Panasonic	KTC3207	2SC4047	Sanyo	KRC107S
2SB1409S	Renesas	KTA1225D	2SC2295	Panasonic	KTC3879S	2SC3225	Toshiba	KTC3209	2SC4048	Sanyo	KRC107M
2SB1412	Rohm	KTA1242D	2SC2320/L	Renesas	KTC3198/L	2SC3243	Renesas	KTD863	2SC4051	Shindengen	KTC4520F
2SB1417	Panasonic	KTA1046	2SC2344	Sanyo	KTD2061	2SC3246	Renesas	KTC3209	2SC4053	Shindengen	KTC4521F
2SB1421	Panasonic	KTBI688	2SC2347	Toshiba	KTC2347	2SC3247	Renesas	KTD863	2SC4061K	Rohm	MMBTA42
2SB1455	Sanyo	KTA1049	2SC2349	Toshiba	KTC2347	2SC3248	Renesas	KTC1026	2SC4062	NEC	KTD1937
2SB1475	NEC	KTA2015	2SC2362	Sanyo	KTC3200	2SC3249	Renesas	KTC3207	2SC4068	Panasonic	KTC4080
2SB1530	Renesas	KTBI369	2SC2371	NEC	KTC2801	2SC3252	Sanyo	KTC4369	2SC4081	Rohm	KTC4075
2SB1560	Sanken	KTBI2510	2SC2383	Toshiba	KTC3228	2SC3258	Toshiba	KTC2028	2SC4082	Rohm	KTC4082
2SB1561	Rohm	KTA1666	2SC2389	Rohm	KTC3200	2SC3266	Toshiba	KTC3205	2SC4097	Rohm	KTC4076
2SB1565	Rohm	KTA1046	2SC2404	Panasonic	KTC3880S	2SC3269	Rohm	KTC3207	2SC4099	Rohm	KTC4080
2SB1650	Rohm	KTA1700	2SC2410	Rohm	KTC3192	2SC3271F	Rohm	KTC2801	2SC4100	Rohm	KTC4021
2SB1725	Sanken	KTBI370	2SC2411K	Rohm	KTC3876S	2SC3295	Toshiba	KTC3295	2SC4102	Rohm	KTC4077
2SB1859A	Sanken	KTBI369	2SC2412K	Rohm	KTC3875S	2SC3296	Toshiba	KTD2061	2SC4116	Toshiba	KTC4075
2SB1891	Toshiba	KTA1715	2SC2413K	Rohm	KTC3879S	2SC3297	Toshiba	KTC4369	2SC4117	Toshiba	KTC4077
2SC380TM	Toshiba	KTC3192	2SC2458	Toshiba	KTC3199	2SC3298	Toshiba	KTC4370A	2SC4118	Toshiba	KTC4076
2SC382TM	Toshiba	KTC3197	2SC2459	Toshiba	KTC3200	2SC3303	Toshiba	KTC2022D	2SC4120	Sanyo	KRC113S
2SC458	Renesas	KTC3190	2SC2462	Renesas	KTC3875S	2SC3303	Toshiba	KTC2022L	2SC4121	Sanyo	KRC113M
2SC460	Renesas	KTC3192	2SC2480	Panasonic	KTC3882	2SC3311	Panasonic	KTC3191	2SC4129	Rohm	MJE13007F
2SC535	Renesas	KTC3194	2SC2482	Toshiba	KTC3207	2SC3313	Panasonic	KTC3193	2SC4129	Rohm	KTC4419
2SC536	Sanyo	KTC3198	2SC2500	Toshiba	KTC3226	2SC3315	Panasonic	KTC3195	2SC4133	Sanyo	KRC106M
2SC789	Toshiba	KTD2060	2SC2501	Shindengen	KTC4419	2SC3326	Toshiba	KTD1304	2SC4137	Rohm	KTC3114
2SC790	Toshiba	KTC2026	2SC2517	NEC	KTC2028	2SC3327	Toshiba	KTD1303	2SC4146	Sanyo	KRC106S
2SC829	Panasonic	KTC3192	2SC2535	Toshiba	KTC4419	2SC3330	Sanyo	KTC3199/L	2SC4154	Renesas	KTC4075
2SC945	NEC	KTC3198	2SC2542	Fuji	KTC4419	2SC3331	Sanyo	KTC3198	2SC4155	Renesas	KTC4075
2SC1047	Panasonic	KTC3194	2SC2553	Toshiba	KTC4419	2SC3382	Sanyo	KTC3198L	2SC4177	NEC	KTC4075
2SC1061	Renesas	KTC2026	2SC2610	Renesas	KTC3207	2SC3395	Sanyo	KRC104S	2SC4178	NEC	KTC4080

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
2SC4179	NEC	KTC4079	2SC5248	Rohm	KTD2061	2SD722	Sanken	KTD1415	2SD1423	Panasonic	KTC1020
2SC4180	NEC	KTC4077	2SC5658	Rohm	KTC4075V	2SD723	Renesas	KTD2060	2SD1424	Panasonic	KTC3199
2SC4181	NEC	KTC4075	2SC5663	Rohm	KTC4072V	2SD731	Panasonic	KTD718	2SD1436K	Renesas	KTD1510
2SC4182	NEC	KTC4082	2SC5738	Toshiba	KTC3536T	2SD734	Sanyo	KTC3208	2SD1491	NEC	KTC2814
2SC4184	NEC	KTC4021	2SD57	Renesas	KTC2028	2SD743/A	NEC	KTC2028	2SD1504	Renesas	KTC3204
2SC4207	Sanyo	KTC2983D	2SD58	Renesas	KTC2028	2SD759	Renesas	KTC4370A	2SD1505	Rohm	KTC2026
2SC4207	Sanyo	KTC2983L	2SD78	NEC	KTC2028	2SD760	Renesas	KTC4370A	2SD1562A	Rohm	KTC4370A
2SC4211	Sanyo	KTC3875S	2SD122	Renesas	KTD2060	2SD761	Sanyo	KTC4370A	2SD1582	NEC	KTD1028
2SC4215	Toshiba	KTC4080	2SD141	NEC	KTC2028	2SD768	Renesas	KTD1415	2SD1585	NEC	KTC2026
2SC4216	Sanyo	KRC110M	2SD142	NEC	KTC2028	2SD795	NEC	KTC2026	2SD1586	NEC	KTC2028
2SC4217	Sanyo	KTC4217	2SD143	NEC	KTC2028	2SD837	Panasonic	KTD1414	2SD1587	NEC	KTD2061
2SC4239	Panasonic	KTC3121	2SD144	NEC	KTC2028	2SD856/A	Panasonic	KTC2026	2SD1614	NEC	KTC4377
2SC4246	Toshiba	KTC4021	2SD146	Fuji	KTC2028	2SD857/A	Panasonic	KTD2020	2SD1615	NEC	KTC4378
2SC4250	Toshiba	KTC4021	2SD147	Fuji	KTC2028	2SD863	Sanyo	KTD863	2SD1619	Sanyo	KTC4377
2SC4251	Toshiba	KTC4082	2SD148	Fuji	KTC2028	2SD874	Panasonic	KTC4375	2SD1622	Sanyo	KTC4378
2SC4253	Toshiba	KTC4081	2SD150	NEC	KTC2028	2SD874A	Panasonic	KTC4378	2SD1623	Sanyo	KTC4379
2SC4258	Renesas	KTC4080	2SD152	NEC	KTD2060	2SD879	Sanyo	KTD1146	2SD1664	Rohm	KTC4375
2SC4259	Renesas	KTC4080	2SD154	NEC	KTD2060	2SD880	Toshiba	KTC2026	2SD1682	Sanyo	KTC2814
2SC4262	Renesas	KTC4021	2SD155	NEC	KTD2060	2SD882	Sanyo	KTD882	2SD1691	NEC	KTD1691
2SC4265	Renesas	KTC4081	2SD234	Toshiba	KTC2028	2SD887	Panasonic	KTC2026	2SD1733	Rohm	KTC2025D
2SC4269	Sanyo	KTC3121	2SD235	Toshiba	KTC2028	2SD896	Sanyo	KTD718	2SD1758	Rohm	KTC3205
2SC4270	Sanyo	KTC3882	2SD254	NEC	KTC2028	2SD921	Fuji	KTD921	2SD1758	Rohm	KTC2815D
2SC4331	NEC	KTC2022L	2SD255	NEC	KTC2028	2SD965	Panasonic	KTD1146	2SD1760	Rohm	KTC2020L
2SC4338	NEC	MJD112L	2SD256	Sanken	KTC2028	2SD966	Panasonic	KTD1145	2SD1760	Rohm	KTC2020D
2SC4362	Sanyo	KRC101S	2SD288	NEC	KTC2028	2SD968	Panasonic	KTC4373	2SD1763A	Rohm	KTC4370A
2SC4363	Sanyo	KRC101M	2SD289	NEC	KTC2028	2SD972	Sanken	KTD1413	2SD1767	Rohm	KTC4373
2SC4397	Sanyo	KRC403	2SD291	Sony	KTC2028	2SD999	NEC	KTC4375	2SD1770	Panasonic	KTD2061
2SC4398	Sanyo	KRC402	2SD292	Sony	KTC2028	2SD1000	NEC	KTC4378	2SD1772	Panasonic	KTD2061
2SC4400	Sanyo	KTC4080	2SD313	Sanyo	KTC2028	2SD1001	NEC	KTC4374	2SD1778	Rohm	KTD2060
2SC4406	Sanyo	KTC4021	2SD314	Sanyo	KTC2028	2SD1007	NEC	KTC4374	2SD1781	Rohm	KTC3265
2SC4413	Sanyo	KTC4075	2SD315	Sanyo	KTD2060	2SD1010	Panasonic	KTC3112	2SD1801	Sanyo	KTC2815D
2SC4418	Sanken	KTC4419	2SD317/A	Panasonic	KTD2060	2SD1020	NEC	KTC3204	2SD1801	Sanyo	KTC2815L
2SC4448	Toshiba	KTC1001	2SD318/A	Panasonic	KTD2060	2SD1029	Sanyo	KTD2060	2SD1802	Sanyo	KTC2020D
2SC4467	Sanken	KTD718	2SD325	Sanyo	KTC4369	2SD1047	Sanyo	KTD1047	2SD1802	Sanyo	KTC2020D
2SC4467	Sanken	KTC5197	2SD342	Sony	KTC2028	2SD1048	Sanyo	KTC3265	2SD1802	Sanyo	KTC2020L
2SC4468	Sanken	KTC4468	2SD343	Sony	KTC2028	2SD1052	Toshiba	KTC2026	2SD1803	Sanyo	KTC5103D
2SC4497	Toshiba	KTC3207T	2SD344	Sony	KTC2028	2SD1060	Sanyo	KTC2028	2SD1803	Sanyo	KTC5103D
2SC4506	Rohm	KTC3229	2SD345	Sony	KTC2028	2SD1110	NEC	KTD718	2SD1803	Sanyo	KTC5103L
2SC4507	Fuji	KTC4419	2SD346	Sony	KTD2060	2SD1119	Panasonic	KTC4377	2SD1805	Sanyo	KTC3072D
2SC4511	Sanken	KTC2028	2SD347	Sony	KTD2060	2SD1128	Fuji	KTD2066	2SD1805	Sanyo	KTC3072L
2SC4512	Sanken	KTC2028	2SD359	Renesas	KTC2028	2SD1131	Renesas	KTD2060	2SD1816	Sanyo	KTC2022D
2SC4533	Panasonic	KTC4520F	2SD360	Renesas	KTC2028	2SD1132	Renesas	KTD2060	2SD1816	Sanyo	KTC2022L
2SC4544	Toshiba	KTC3229	2SD361	Renesas	KTC2028	2SD1133	Renesas	KTD2060	2SD1819A	Panasonic	KTC4075
2SC4546	Sanken	MJE13007F	2SD365	Panasonic	KTC2028	2SD1134	Renesas	KTD2060	2SD1820	Panasonic	KTC4076
2SC4549	NEC	KTC2028	2SD389	Panasonic	KTD2060	2SD1135	Renesas	KTD2060	2SD1824	Panasonic	KTC4077
2SC4553	NEC	KTD1937	2SD390	Panasonic	KTD2060	2SD1136	Renesas	KTD2060	2SD1851	Sanyo	KTD1854T
2SC4555	Sanyo	KTC4076	2SD401A	NEC	KTD2061	2SD1138	Renesas	KTD2061	2SD1858	Rohm	KTD863
2SC4558	Sanken	KTD2066	2SD415	NEC	KTD600K	2SD1145	Sanyo	KTD1145	2SD1859	Rohm	KTD1863
2SC4573	Rohm	KTD1414	2SD418	Panasonic	KTD2499	2SD1147	Fuji	KTD1413	2SD1863	Rohm	KTD1863
2SC4574	Rohm	KTD1414	2SD438	Sanyo	KTC1027	2SD1157	Fuji	KTD2060	2SD1896	Rohm	KTC2028
2SC4596	Rohm	KTC2028	2SD468	Renesas	KTC3205	2SD1177	Renesas	KTC2814	2SD1897	Rohm	KTC2028
2SC4617	Rohm	KTC4075E	2SD471	NEC	KTC3205	2SD1190	Sanyo	KTD1414	2SD1898	Rohm	KTD1898
2SC4617H	Rohm	KTC4075E	2SD475	Renesas	KTD2060	2SD1195	Sanyo	KTD1413	2SD1898	Rohm	KTD1898
2SC4620	Rohm	MPSA44	2SD476	Renesas	KTD2060	2SD1197	Sanyo	KTD1510	2SD1899	NEC	KTC2020L
2SC4628	Renesas	KTC3195	2SD477	Renesas	KTD2061	2SD1207	Sanyo	KTC3209	2SD1899-Z	NEC	KTC2020D
2SC4662	Sanken	KTC4419	2SD478	Renesas	KTD2061	2SD1207S	Sanyo	KTC3209	2SD1913	Sanyo	KTC2026
2SC4667	Toshiba	2N3904S	2SD488	Onsemi	KTD2060	2SD1218	Panasonic	KTD1414	2SD1918	Rohm	KTC2983D
2SC4672	Rohm	KTC4379	2SD489	Onsemi	KTD2060	2SD1236	Sanyo	KTC2028	2SD1932	Rohm	KTD1414
2SC4680	Renesas	KTC3121	2SD490	Onsemi	KTD2060	2SD1247	Sanyo	KTD1145	2SD1933	Rohm	KTD1414
2SC4688	Toshiba	KTD718	2SD525	Toshiba	KTC2028	2SD1264/A	Panasonic	KTD2061	2SD1944	Rohm	KTD2092
2SC4689	Toshiba	KTD718	2SD526	Toshiba	KTD2060	2SD1268	Panasonic	KTD2060	2SD1960	Rohm	KTD1146
2SC4738	Toshiba	KTC4075E	2SD560	NEC	TIP112F	2SD1270	Panasonic	KTC2028	2SD1972	Panasonic	KTC2026
2SC4738F	Toshiba	KTC4075E	2SD570	Panasonic	KTD2060	2SD1273	Panasonic	KTD2092	2SD1977	NEC	KTD718
2SC4738FT	Toshiba	KTC4075V	2SD580	Toshiba	KTC2026	2SD1276	Panasonic	KTD1414	2SD1980	Rohm	MJD112
2SC4772	Rohm	KTC4081	2SD600K	Sanyo	KTD600K	2SD1280	Panasonic	KTC4375	2SD1990	Panasonic	KTD2060
2SC4828	Renesas	KTC2801	2SD601	Panasonic	KTC3875S	2SD1288	NEC	KTD718	2SD2004	Rohm	KTC2800
2SC4833	Shindengen	KTC4419	2SD602	Panasonic	KTC3876S	2SD1289	NEC	KTD718	2SD2012	Toshiba	KTC2026
2SC4848	Rohm	KTC4511	2SD633	Toshiba	KTD1415	2SD1302	Panasonic	KTC3202	2SD2014	Sanken	KTD1414
2SC4849	Rohm	KTC4511	2SD634	Toshiba	KTD1415	2SD1328	Panasonic	KTC2875	2SD2022	Rohm	KTD2424
2SC4883/A	Sanken	KTD2061	2SD635	Toshiba	KTD1415	2SD1353	Toshiba	KTC2026	2SD2023	Rohm	KTC2026
2SC4915	Toshiba	KTC4080E	2SD667	Renesas	KTD1863	2SD1354	Toshiba	KTC2026	2SD2027	Sanyo	KTC2026
2SC4917	Toshiba	MJE13003	2SD667	Renesas	KTD1863	2SD1369	Toshiba	KTD2424	2SD2032	Rohm	KTD1414
2SC4944	Toshiba	KTC601U	2SD669A	Renesas	KTC2800	2SD1370	Toshiba	KTD1414	2SD2035	Rohm	KTD2060
2SC5001	Rohm	KTC5001D	2SD678A	Panasonic	KTD1415	2SD1383K	Rohm	MMBTA63	2SD2051	Panasonic	KTD2424
2SC5028	Toshiba	KTC2814	2SD679A	Panasonic	KTD1415	2SD1384	Rohm	KTC3205	2SD2061	Rohm	KTC2026
2SC5101	Sanken	KTD718	2SD686	Toshiba	KTD1414	2SD1406	Toshiba	KTC2026	2SD2064	Panasonic	KTD718
2SC5103F5	Rohm	KTC5103D	2SD687	Toshiba	KTD2424	2SD1407	Toshiba	KTC2028	2SD2092	Toshiba	KTD2092
2SC5113	Rohm	KTC4521F	2SD691	Panasonic	KTD1415	2SD1408	Toshiba	KTD2060	2SD2102	Renesas	KTD1414
2SC5197	Toshiba	KTC5197	2SD718	Toshiba	KTD718	2SD1414	Toshiba	KTD1414	2SD2107	Renesas	KTD2060
2SC5242	Toshiba	KTC5242	2SD721	Sanken	KTD1415	2SD1415	Toshiba	KTD1415	2SD2110	Renesas	KTD1414

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
2SD2118	Rohm	KTC3072	BCW61A/B/D	Onsemi	KTA1504S	CPH3210	Sanyo	KTC3543T	DTA143XKA	Rohm	KRA119S
2SD2118	Rohm	KTC3072D	BCW68	Onsemi	BCW68	CPH3212	Sanyo	KTC3553T	DTA143XM	Rohm	KRA319V
2SD2123L	Renesas	KTC2983L	BCW69	Onsemi	BCW69	CPH3214	Sanyo	KTC3532T	DTA143XSA	Rohm	KRA119M
2SD2123S	Renesas	KTC2983D	BCW70	Onsemi	BCW70	CPH3215	Sanyo	KTC3541T	DTA143XUA	Rohm	KRA319
2SD2128	Renesas	KTD2424	BCW71	Onsemi	BCW71	CPH3216	Sanyo	KTC3551T	DTA143ZE	Rohm	KRA306E
2SD2129	Toshiba	KTD1413	BCW72	Onsemi	BCW72	CPH6701	Sanyo	KTX512T	DTA143ZK	Rohm	KRA106S
2SD2156/A	Panasonic	KTD2092	BCW89	Onsemi	BCW89	CPH6702	Sanyo	KTX511T	DTA143ZM	Rohm	KRA306V
2SD2157/A	Panasonic	KTD1414	BCX52	Onsemi	KTA1666	DTA113ZE	Rohm	KRA316E	DTA143ZS	Rohm	KRA106M
2SD2158/A	Panasonic	KTD2092	BCX70G/H/J/K	Onsemi	KTC3875S	DTA113ZKA	Rohm	KRA116S	DTA143ZU	Rohm	KRA306
2SD2164	NEC	KTD2092	BCX71G/H/J/K	Onsemi	KTA1504S	DTA113ZSA	Rohm	KRA116M	DTA144EE	Rohm	KRA304E
2SD2188	Rohm	KTD2066	BD239/A	Onsemi	KTC2026	DTA113ZUA	Rohm	KRA316	DTA144EK	Rohm	KRA104S
2SD2223	Sanyo	KTD1414	BD239B	Onsemi	KTD2060	DTA114EE	Rohm	KRA302E	DTA144EM	Rohm	KRA304V
2SD2227S	Rohm	KTC3199	BD239C	Onsemi	KTC2028	DTA114EK	Rohm	KRA102S	DTA144ES	Rohm	KRA104M
2SD2228	NEC	KTC4076	BD240/A	Onsemi	KTA1046	DTA114EM	Rohm	KRA302V	DTA144EU	Rohm	KRA304
2SD2241	Toshiba	KTD1413	BD240B	Onsemi	KTA1046	DTA114ES	Rohm	KRA102M	DTA144TE	Rohm	KRA314E
2SD2242	Panasonic	KTD1414	BD240C	Onsemi	KTA1049	DTA114EU	Rohm	KRA302	DTA144TK	Rohm	KRA114S
2SD2257	Toshiba	KTD1413	BD241/A	Onsemi	KTC2026	DTA114TE	Rohm	KRA311E	DTA144TM	Rohm	KRA314V
2SD2264	Rohm	KTD1145	BD241B	Onsemi	KTD2060	DTA114TK	Rohm	KRA111S	DTA144TS	Rohm	KRA114M
2SD2337	Renesas	KTD2061	BD241C	Onsemi	KTC2028	DTA114TM	Rohm	KRA311V	DTA144TU	Rohm	KRA314
2SD2342	Renesas	KTD998	BD242/A	Onsemi	KTC2026	DTA114TS	Rohm	KRA111M	DTA144VKA	Rohm	KRA121S
2SD2343	Rohm	KTC4370A	BD242B	Onsemi	KTB1368	DTA114TU	Rohm	KRA311	DTA144VSA	Rohm	KRA121M
2SD2351	Rohm	KTC4666	BD242C	Onsemi	KTA1049	DTA114WE	Rohm	KRA320E	DTA144VUA	Rohm	KRA321
2SD2389	Sanken	KTD1510	BD243B/C	Onsemi	KTC4511	DTA114WKA	Rohm	KRA120S	DTA144WE	Rohm	KRA309E
2SD2390	Sanken	KTD1510	BD244	Onsemi	KTA1725	DTA114WSA	Rohm	KRA120M	DTA144WK	Rohm	KRA109S
2SD2566	Rohm	KTC2800	BD244A	Onsemi	KTA1725	DTA114WUA	Rohm	KRA320	DTA144WS	Rohm	KRA109M
2SD3076	Toshiba	KTC2815D	BD244B	Onsemi	KTA1725	DTA114YE	Rohm	KRA307E	DTA144WU	Rohm	KRA309
2SD3518	NEC	KTC5103L	BD244C	Onsemi	KTA1725	DTA114YK	Rohm	KRA107S	DTA155EM	Rohm	KRA322V
BA1A3Q	NEC	KRC116M	BD677A	Fairchild	KTD1411	DTA114YM	Rohm	KRA307V	DTB113EK	Rohm	KRA221S
BA1A4M	NEC	KRC102M	BD795	Onsemi	KTC4511	DTA114YS	Rohm	KRA107M	DTB113ES	Rohm	KRA221M
BA1A4P	NEC	KRC107M	BD796	Onsemi	KTA1725	DTA114YU	Rohm	KRA307	DTB113ZK	Rohm	KRA225S
BA1A4Z	NEC	KRC111M	BD797	Onsemi	KTC4511	DTA115EE	Rohm	KRA322E	DTB113ZS	Rohm	KRA225M
BA1F4M	NEC	KRC103M	BD798	Onsemi	KTA1725	DTA115EKA	Rohm	KRA122S	DTB114EK	Rohm	KRA224S
BA1F4N	NEC	KRC108M	BD799	Onsemi	KTC4511	DTA115ESA	Rohm	KRA122M	DTB114ES	Rohm	KRA224M
BA1F4Z	NEC	KRC113M	BD800	Onsemi	KTA1725	DTA115ESA	Rohm	KRA322	DTB123EK	Rohm	KRA222S
BA1L3M	NEC	KRC101M	BD801	Onsemi	KTC4511	DTA115TE	Rohm	KRA312E	DTB123ES	Rohm	KRA222M
BA1L3N	NEC	KRC119M	BD802	Onsemi	KTA1725	DTA115TH	Rohm	KRA312E	DTB123YK	Rohm	KRA226S
BA1L3Z	NEC	KRC110M	BD805	Onsemi	KTC4511	DTA115TK	Rohm	KRA112S	DTB123YS	Rohm	KRA226M
BA1L4L	NEC	KRC109M	BD806	Onsemi	KTA1725	DTA115TM	Rohm	KRA312V	DTB143EK	Rohm	KRA223S
BA1L4M	NEC	KRC104M	BD807	Onsemi	KTC4511	DTA115TS	Rohm	KRA112M	DTB143ES	Rohm	KRA223M
BA1L4Z	NEC	KRC114M	BD808	Onsemi	KTA1725	DTA115TU	Rohm	KRA312	DTC113ZE	Rohm	KRC416E
BC115	STM	KTC1008	BD809	Onsemi	KTC4512	DTA123EE	Rohm	KRA317E	DTC113ZKA	Rohm	KRC116S
BC140	STM	KTC1008	BD810	Onsemi	KTA1726	DTA123EKA	Rohm	KRA117S	DTC113ZSA	Rohm	KRC116M
BC211	STM	KTC1008	BF420	Philips	BF420	DTA123EM	Rohm	KRA317V	DTC113ZUA	Rohm	KRC416
BC237	Onsemi	BC237	BF421	Philips	BF421	DTA123ESA	Rohm	KRA117M	DTC114EE	Rohm	KRC402E
BC238	Onsemi	BC238	BF422	Philips	BF422	DTA123EUA	Rohm	KRA317	DTC114EK	Rohm	KRC102S
BC239	Onsemi	BC239	BF423	Philips	BF423	DTA123JJE	Rohm	KRA305E	DTC114EM	Rohm	KRC402V
BC307	Onsemi	BC307	BF599	Onsemi	BF599	DTA123JK	Rohm	KRA105S	DTC114ES	Rohm	KRC102M
BC308	Onsemi	BC308	BFQ31	Onsemi	BFQ31	DTA123JM	Rohm	KRA305V	DTC114EU	Rohm	KRC402
BC309	Onsemi	BC309	BFS17	Onsemi	KTC3121	DTA123JS	Rohm	KRA105M	DTC114TE	Rohm	KRC411E
BC337	STM	BC337	BFS20	Onsemi	BFS20	DTA123JU	Rohm	KRA305	DTC114TK	Rohm	KRC111S
BC340	STM	KTC1008	BN1A3Q	NEC	KRA116M	DTA123YE	Rohm	KRA318E	DTC114TM	Rohm	KRC411V
BC341	STM	KTC1008	BN1A4M	NEC	KRA102M	DTA123YKA	Rohm	KRA118S	DTC114TS	Rohm	KRC111M
BC342	STM	KTC1008	BN1A4P	NEC	KRA107M	DTA123YSA	Rohm	KRA118M	DTC114TU	Rohm	KRC411
BC395	STM	KTC1008	BN1A4Z	NEC	KRA111M	DTA123YUA	Rohm	KRA318	DTC114WE	Rohm	KRC420E
BC550	Onsemi	BC550	BN1F4M	NEC	KRA103M	DTA124EE	Rohm	KRA303E	DTC114WKA	Rohm	KRC120S
BC807	Onsemi	BC807	BN1F4N	NEC	KRA108M	DTA124EK	Rohm	KRA103S	DTA114WSA	Rohm	KRC120M
BC817	Onsemi	BC817	BN1F4Z	NEC	KRA113M	DTA124EM	Rohm	KRA303V	DTC114WUA	Rohm	KRC420
BC846	Onsemi	BC846	BN1L3M	NEC	KRA101M	DTA124ES	Rohm	KRA103M	DTC114YE	Rohm	KRC407E
BC846WLT1	Onsemi	BC846W	BN1L3N	NEC	KRA119M	DTA124EU	Rohm	KRA303	DTC114YK	Rohm	KRC107S
BC847	Onsemi	BC847	BN1L3Z	NEC	KRA110M	DTA124TE	Rohm	KRA313E	DTC114YM	Rohm	KRC407V
BC847WLT1	Onsemi	BC847W	BN1L4L	NEC	KRA109M	DTA124TH	Rohm	KRA313E	DTC114YS	Rohm	KRC107M
BC848	Onsemi	BC848	BN1L4M	NEC	KRA104M	DTA124TK	Rohm	KRA113S	DTC114YU	Rohm	KRC407
BC848WLT1	Onsemi	BC848W	BN1L4Z	NEC	KRA114M	DTA124TM	Rohm	KRA313V	DTC115EE	Rohm	KRC422E
BC849	Onsemi	BC849	BSS63	Onsemi	BSS63	DTA124TS	Rohm	KRA113M	DTC115EKA	Rohm	KRC122S
BC850	Onsemi	BC850	BSS64	Onsemi	BSS64	DTA124TU	Rohm	KRA313	DTC115ESA	Rohm	KRC122M
BC856	Onsemi	BC856	BUV46	STM	KTC4520F	DTA124XE	Rohm	KRA308E	DTC115EUA	Rohm	KRC422
BC856WLT1	Onsemi	BC856W	BUX84	Onsemi	KTC4419	DTA124XK	Rohm	KRA108S	DTC115TH	Rohm	KRC412E
BC857	Onsemi	BC857	CPH3101	Sanyo	KTA1544T	DTA124XM	Rohm	KRA308V	DTC115TK	Rohm	KRC112S
BC857WLT1	Onsemi	BC857W	CPH3105	Sanyo	KTA1552T	DTA124XS	Rohm	KRA108M	DTC115TM	Rohm	KRC412V
BC858	Onsemi	BC858	CPH3106	Sanyo	KTA1535T	DTA124XU	Rohm	KRA308	DTC115TS	Rohm	KRC112M
BC858WLT1	Onsemi	BC858W	CPH3109	Sanyo	KTA1542T	DTA143EE	Rohm	KRA301E	DTC115TU	Rohm	KRC412
BC859	Onsemi	BC859	CPH3110	Sanyo	KTA1543T	DTA143EK	Rohm	KRA101S	DTC123EE	Rohm	KRC417E
BC860	Onsemi	BC860	CPH3112	Sanyo	KTA1553T	DTA143EM	Rohm	KRA301V	DTC123EKA	Rohm	KRC117S
BCV71	Onsemi	BCV71	CPH3114	Sanyo	KTA1532T	DTA143ES	Rohm	KRA101M	DTC123EM	Rohm	KRC417V
BCV72	Onsemi	BCV72	CPH3115	Sanyo	KTA1541T	DTA143EU	Rohm	KRA301	DTC123ESA	Rohm	KRC117M
BCW29	Onsemi	BCW29	CPH3116	Sanyo	KTA1551T	DTA143TE	Rohm	KRA310E	DTC123EUA	Rohm	KRC417
BCW30	Onsemi	BCW29	CPH3201	Sanyo	KTC3544T	DTA143TK	Rohm	KRA110S	DTC123JE	Rohm	KRC405E
BCW31	Onsemi	BCW31	CPH3205	Sanyo	KTC3552T	DTA143TM	Rohm	KRA310V	DTC123JK	Rohm	KRC105S
BCW32	Onsemi	BCW32	CPH3206	Sanyo	KTC3535T	DTA143TS	Rohm	KRA110M	DTC123JM	Rohm	KRC405V
BCW60A/B/D	Onsemi	KTC3875S	CPH3209	Sanyo	KTC3542T	DTA143XE	Rohm	KRA319E	DTC123JS	Rohm	KRC105M

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
DTC123JU	Rohm	KRC405	EMA7	Rohm	KRA569E	GA1L4M	NEC	KRC404	MMBT3906AWT1	Onsemi	2N3906U
DTC123YE	Rohm	KRC418E	EMA8	Rohm	KRA557E	GA1L4Z	NEC	KRC414	MMBT4124	Onsemi	KTC3876S
DTC123YKA	Rohm	KRC118S	EMA11	Rohm	KRA556E	GN1A3Q	NEC	KRA316	MMBT4126	Onsemi	KTA1505S
DTC123YSA	Rohm	KRC118M	EMB2	Rohm	KRA754E	GN1A4M	NEC	KRA302	MMBT4401	Onsemi	KTN2222AS
DTC123YUA	Rohm	KRC418	EMB3	Rohm	KRA760E	GN1A4P	NEC	KRA307	MMBT4403	Onsemi	KTN2907AS
DTC124EE	Rohm	KRC403E	EMB4	Rohm	KRA761E	GN1A4Z	NEC	KRA311	MMBT5087	Onsemi	KTA1504S
DTC124EK	Rohm	KRC103S	EMB6	Rohm	KRA724E	GN1F4M	NEC	KRA303	MMBT5088	Onsemi	KTC3875S
DTC124EM	Rohm	KRC403V	EMB9	Rohm	KRA757E	GN1F4N	NEC	KRA308	MMBT5089	Onsemi	KTC3295
DTC124ES	Rohm	KRC103M	EMB10	Rohm	KRA755E	GN1F4Z	NEC	KRA313	MMBTA05	Onsemi	MMBTA43
DTC124EU	Rohm	KRC403	EMB11	Rohm	KRA752E	GN1L3M	NEC	KRA301	MMBTA06	Onsemi	MMBTA43
DTC124TE	Rohm	KRC413E	EMD2	Rohm	KRX202E	GN1L3N	NEC	KRA319	MMBTA13	Onsemi	MMBTA517
DTC124TH	Rohm	KRC413E	EMD3	Rohm	KRX201E	GN1L3Z	NEC	KRA310	MMBTA14	Onsemi	MMBTA517
DTC124TK	Rohm	KRC113S	EMD6	Rohm	KRX205E	GN1L4L	NEC	KRA309	MMBTA20	Onsemi	KTN2222AS
DTC124TM	Rohm	KRC413V	EMD12	Rohm	KRX203E	GN1L4M	NEC	KRA304	MMBTA42	Onsemi	MMBTA42
DTC124TS	Rohm	KRC113M	EMG1	Rohm	KRC653E	GN1L4Z	NEC	KRA314	MMBTA43	Onsemi	MMBTA43
DTC124TU	Rohm	KRC413	EMG2	Rohm	KRC654E	HN1A01FE	Toshiba	KTA701E	MMBTA55	Onsemi	MMBTA92
DTC124XE	Rohm	KRC408E	EMG3	Rohm	KRC660E	HN1A01FU	Toshiba	KTA701U	MMBTA56	Onsemi	MMBTA92
DTC124XK	Rohm	KRC108S	EMG4	Rohm	KRC661E	HN1B04FE	Toshiba	KTX101E	MMBTA63	Onsemi	MMBTA63
DTC124XM	Rohm	KRC408V	EMG5	Rohm	KRC657E	HN1B04FU	Toshiba	KTX101U	MMBTA64	Onsemi	MMBTA64
DTC124XS	Rohm	KRC108M	EMG6	Rohm	KRC664E	HN2C01FE	Toshiba	KTC801E	MMBTA70	Onsemi	BCW69
DTC124XU	Rohm	KRC408	EMG8	Rohm	KRC656E	HN1C01FU	Toshiba	KTC801U	MMBTA92	Onsemi	MMBTA92
DTC143EE	Rohm	KRC401E	EMG9	Rohm	KRC652E	HN1C03F	Toshiba	KTC812T	MMBTA93	Onsemi	MMBTA93
DTC143EK	Rohm	KRC101S	EMG11	Rohm	KRC655E	HN2A01FE	Toshiba	KTA711E	MMBTA3904WT1	Onsemi	2N3904U
DTC143EM	Rohm	KRC401V	EMH1	Rohm	KRC853E	HN2A01FU	Toshiba	KTA711U	MPS404A	Onsemi	KTC9015
DTC143ES	Rohm	KRC101M	EMH2	Rohm	KRC854E	HN2C01FE	Toshiba	KTC811E	MPS918	Onsemi	KTC9011
DTC143EU	Rohm	KRC401	EMH3	Rohm	KRC860E	HN2C01FU	Toshiba	KTC811U	MPS2222/A	Onsemi	KTN2222/A
DTC143TE	Rohm	KRC410E	EMH4	Rohm	KRC861E	HN3B02FU	Toshiba	KTX102U	MPS2369	Onsemi	KTN2369
DTC143TK	Rohm	KRC110S	EMH6	Rohm	KRC824E	IMX9	Rohm	KTC812T	MPS2907/A	Onsemi	KTN2907/A
DTC143TM	Rohm	KRC410V	EMH9	Rohm	KRC857E	IMZ4	Rohm	KTX111T	MPS3702	Onsemi	KTN2907
DTC143TS	Rohm	KRC110M	EMH10	Rohm	KRC855E	LM8050	Onsemi	KTC8050	MPS3704	Onsemi	KTN2222
DTC143TU	Rohm	KRC410	EMH11	Rohm	KRC852E	LM8550	Onsemi	KTC8550	MPS4249	Onsemi	MPSA05
DTC143XE	Rohm	KRC419E	EMT1	Rohm	KTA701E	MJD112	Onsemi	MJD112	MPS5172	Onsemi	KTC9014
DTC143XKA	Rohm	KRC119S	EMT2	Rohm	KTA711E	MJD112-1	Onsemi	MJD112L	MPS6514	Onsemi	KTC9014
DTC143XM	Rohm	KRC419V	EMT3	Rohm	KTA712E	MJD117	Onsemi	MJD117	MPS6517	Onsemi	KTC9015
DTC143XSA	Rohm	KRC119M	EMT18	Rohm	KTA702E	MJD117-1	Onsemi	MJD117L	MPS6523	Onsemi	KTC9015
DTC143XUA	Rohm	KRC419	EMX1	Rohm	KTC801E	MJD41C-1	Onsemi	KTC2022L	MPS6560	Onsemi	KTN2222
DTC143ZE	Rohm	KRC406E	EMX2	Rohm	KTC811E	MJE122	Onsemi	KTD1413	MPS6562	Onsemi	KTN2907
DTC143ZK	Rohm	KRC106S	EMX3	Rohm	KTC812E	MJE127	Onsemi	KTB1423	MPS8098	Onsemi	MPSA05
DTC143ZM	Rohm	KRC406V	EMX18	Rohm	KTC802E	MJE800T	Onsemi	KTD1414	MPS8099	Onsemi	MPSA06
DTC143ZS	Rohm	KRC106M	EMY1	Rohm	KTX201E	MJE6107	Onsemi	KTB1368	MPS8598	Onsemi	MPSA55
DTC143ZU	Rohm	KRC406	EMZ1	Rohm	KTX101E	MJE13003	Mospec	MJE13003	MPS8599	Onsemi	MPSA56
DTC144EE	Rohm	KRC404E	FA1A3Q	NEC	KRC116S	MJE13003	Onsemi	MJE13003	MPSA05	Onsemi	MPSA05
DTC144EK	Rohm	KRC104S	FA1A4M	NEC	KRC102S	MJE13003	STM	MJE13003	MPSA06	Onsemi	MPSA06
DTC144EM	Rohm	KRC404V	FA1A4P	NEC	KRC107S	MJE13004	Onsemi	KTC4419	MPSA12	Onsemi	BC517
DTC144ES	Rohm	KRC104M	FA1A4Z	NEC	KRC111S	MJE13005	Mospec	MJE13005F	MPSA13	Onsemi	MPSA13
DTC144EU	Rohm	KRC404	FA1F4M	NEC	KRC103S	MJE13005	Onsemi	MJE13005F	MPSA14	Onsemi	MPSA14
DTC144TE	Rohm	KRC414E	FA1F4N	NEC	KRC108S	MJE13005	STM	MJE13005F	MPSA20	Onsemi	2N3904
DTC144TK	Rohm	KRC114S	FA1F4Z	NEC	KRC113S	MJE13007	Onsemi	MJE13007F	MPSA42	Onsemi	MPSA42
DTC144TM	Rohm	KRC414V	FA1L3M	NEC	KRC101S	MJE16002	Onsemi	KTC4419	MPSA43	Onsemi	MPSA43
DTC144TS	Rohm	KRC114M	FA1L3N	NEC	KRC119S	MJE16004	Onsemi	KTC4419	MPSA44	Onsemi	MPSA44
DTC144TU	Rohm	KRC414	FA1L3Z	NEC	KRC110S	MMBA811C5	Onsemi	KTA1504S	MPSA45	Onsemi	MPSA45
DTC144VKA	Rohm	KRC121S	FA1L4L	NEC	KRC109S	MMBA811C6	Onsemi	KTA1504S	MPSA62	Onsemi	MPSA62
DTC144VSA	Rohm	KRC121M	FA1L4M	NEC	KRC104S	MMBA811C7	Onsemi	KTA1504S	MPSA63	Onsemi	MPSA63
DTC144VUA	Rohm	KRC421	FA1L4Z	NEC	KRC114S	MMBA811C8	Onsemi	KTA1504S	MPSA64	Onsemi	MPSA64
DTC144WE	Rohm	KRC409E	FMMT618	Zetex	KTC3534T	MMBA812M5	Onsemi	KTA1504S	MPSA70	Onsemi	2N3906
DTC144WK	Rohm	KRC109S	FMMT718	Zetex	KTA1532T	MMBA812M6	Onsemi	KTA1504S	MPSA93	Onsemi	MPSA93
DTC144WS	Rohm	KRC109M	FN1A3Q	NEC	KRA116S	MMBA812M7	Onsemi	KTA1504S	MPSH07	Onsemi	KTC9011
DTC144WU	Rohm	KRC409	FN1A4M	NEC	KRA102S	MMBC1009F1	Onsemi	KTC3875S	MPSL01	Onsemi	MPSA43
DTC155EM	Rohm	KRC422V	FN1A4P	NEC	KRA107S	MMBC1009F2	Onsemi	KTC3875S	MPS-U01/A	Onsemi	KTD1351
DTC314TK	Rohm	KRC233S	FN1A4Z	NEC	KRA111S	MMBC1009F3	Onsemi	KTC3875S	PDTA114EK	Philips	KRA102S
DTC314TK	Rohm	KRC233M	FN1F4M	NEC	KRA103S	MMBC1009F4	Onsemi	KTC3875S	PDTA114ES	Philips	KRA102M
DTC323TK	Rohm	KRC231S	FN1F4N	NEC	KRA108S	MMBC1009F5	Onsemi	KTC3875S	PDTA114EU	Philips	KRA302
DTC323TS	Rohm	KRC231M	FN1F4Z	NEC	KRA113S	MMBC1321Q3	Onsemi	KTC3882	PDTA114TK	Philips	KRA111S
DTD113EK	Rohm	KRC241S	FN1L3M	NEC	KRA101S	MMBC1321Q4	Onsemi	KTC3882	PDTA114TS	Philips	KRA111M
DTD113ES	Rohm	KRC241M	FN1L3N	NEC	KRA119S	MMBC1321Q4	Onsemi	KTC3882	PDTA114TU	Philips	KRA311
DTD113ZK	Rohm	KRC245S	FN1L3Z	NEC	KRA110S	MMBC1321Q5	Onsemi	KTC3882	PDTA124EK	Philips	KRA103S
DTD113ZS	Rohm	KRC245M	FN1L4L	NEC	KRA109S	MMBC1622D6	Onsemi	KTC3875S	PDTA124ES	Philips	KRA103M
DTD114EK	Rohm	KRC244S	FN1L4M	NEC	KRA104S	MMBC1622D7	Onsemi	KTC3875S	PDTA124EU	Philips	KRA303
DTD114ES	Rohm	KRC244M	FN1L4Z	NEC	KRA114S	MMBC1622D8	Onsemi	KTC3875S	PDTA143EK	Philips	KRA101S
DTD123EK	Rohm	KRC242S	GA1A3Q	NEC	KRC416	MMBC1623L3	Onsemi	KTC3875S	PDTA143ES	Philips	KRA101M
DTD123ES	Rohm	KRC242M	GA1A4M	NEC	KRC402	MMBC1623L4	Onsemi	KTC3875S	PDTA143EU	Philips	KRA301
DTD123YK	Rohm	KRC246S	GA1A4P	NEC	KRC407	MMBC1623L5	Onsemi	KTC3875S	PDTA144EK	Philips	KRA104S
DTD123YS	Rohm	KRC246M	GA1A4Z	NEC	KRC411	MMBC1623L6	Onsemi	KTC3875S	PDTA144ES	Philips	KRA104M
DTD143EK	Rohm	KRC243S	GA1F4M	NEC	KRC403	MMBC1623L7	Onsemi	KTC3875S	PDTA144EU	Philips	KRA304
DTD143ES	Rohm	KRC243M	GA1F4N	NEC	KRC408	MMBT222S/A	Onsemi	KTN222S/AS	PDTB114EK	Philips	KRA224S
EMA2	Rohm	KRA554E	GA1F4Z	NEC	KRC413	MMBT2369	Onsemi	KTN2369S	PDTB114ES	Philips	KRA224M
EMA3	Rohm	KRA560E	GA1L3M	NEC	KRC401	MMBT2907/A	Onsemi	KTN2907/AS	PDTC114EK	Philips	KRC102S
EMA4	Rohm	KRA561E	GA1L3N	NEC	KRC419	MMBT3904	Onsemi	KTN2907AU	PDTC114ES	Philips	KRC102M
EMA5	Rohm	KRA555E	GA1L3Z	NEC	KRC410	MMBT3906	Onsemi	2N3904S	PDTC114EU	Philips	KRC402
EMA6	Rohm	KRA564E	GA1L4L	NEC	KRC409	MMBT3906	Onsemi	2N3906S	PDTC114TK	Philips	KRC111S

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
PDTC114TS	Philips	KRC111M	RN1242	Toshiba	KRC233M	RN1906FE	Toshiba	KRC856E	RN2117FT	Toshiba	KRA320V
PDTC114TU	Philips	KRC411	RN1244	Toshiba	KRC231M	RN1907	Toshiba	KRC857U	RN2118	Toshiba	KRA321E
PDTC124EK	Philips	KRC103S	RN1301	Toshiba	KRC401	RN1907FE	Toshiba	KRC857E	RN2118FT	Toshiba	KRA321V
PDTC124ES	Philips	KRC103M	RN1302	Toshiba	KRC402	RN1908	Toshiba	KRC858U	RN2201	Toshiba	KRA101M
PDTC124EU	Philips	KRC403	RN1303	Toshiba	KRC403	RN1908FE	Toshiba	KRC858E	RN2202	Toshiba	KRA102M
PDTC134EK	Philips	KRC101S	RN1304	Toshiba	KRC404	RN1909	Toshiba	KRC859U	RN2203	Toshiba	KRA103M
PDTC134ES	Philips	KRC101M	RN1305	Toshiba	KRC405	RN1909FE	Toshiba	KRC859E	RN2204	Toshiba	KRA104M
PDTC134EU	Philips	KRC401	RN1306	Toshiba	KRC406	RN1910	Toshiba	KRC860U	RN2205	Toshiba	KRA105M
PDTC144EK	Philips	KRC104S	RN1307	Toshiba	KRC407	RN1910FE	Toshiba	KRC860E	RN2206	Toshiba	KRA106M
PDTC144ES	Philips	KRC104M	RN1308	Toshiba	KRC408	RN1911	Toshiba	KRC861U	RN2207	Toshiba	KRA107M
PDTC144EU	Philips	KRC404	RN1309	Toshiba	KRC409	RN1911FE	Toshiba	KRC861E	RN2208	Toshiba	KRA108M
PDTD114EK	Philips	KRC244S	RN1310	Toshiba	KRC410	RN1961	Toshiba	KRC821U	RN2209	Toshiba	KRA109M
PDTD114ES	Philips	KRC244M	RN1311	Toshiba	KRC411	RN1961FE	Toshiba	KRC821E	RN2210	Toshiba	KRA110M
RN1101	Toshiba	KRC401E	RN1312	Toshiba	KRC413	RN1962	Toshiba	KRC822U	RN2211	Toshiba	KRA111M
RN1101F	Toshiba	KRC401E	RN1313	Toshiba	KRC414	RN1962FE	Toshiba	KRC822E	RN2212	Toshiba	KRA221M
RN1101FT	Toshiba	KRC401V	RN1314	Toshiba	KRC416	RN1963	Toshiba	KRC823U	RN2222	Toshiba	KRA222M
RN1102	Toshiba	KRC402E	RN1315	Toshiba	KRC418	RN1963FE	Toshiba	KRC823E	RN2223	Toshiba	KRA223M
RN1102F	Toshiba	KRC402E	RN1316	Toshiba	KRC419	RN1964	Toshiba	KRC824U	RN2224	Toshiba	KRA224M
RN1102FT	Toshiba	KRC402V	RN1317	Toshiba	KRC420	RN1964FE	Toshiba	KRC824E	RN2226	Toshiba	KRA225M
RN1103	Toshiba	KRC403E	RN1318	Toshiba	KRC421	RN1965	Toshiba	KRC825U	RN2227	Toshiba	KRA226M
RN1103F	Toshiba	KRC403E	RN1401	Toshiba	KRC101S	RN1965FE	Toshiba	KRC825E	RN2301	Toshiba	KRA301
RN1103FT	Toshiba	KRC403V	RN1402	Toshiba	KRC102S	RN1966	Toshiba	KRC826U	RN2302	Toshiba	KRA302
RN1104	Toshiba	KRC404E	RN1403	Toshiba	KRC103S	RN1966FE	Toshiba	KRC826E	RN2303	Toshiba	KRA303
RN1104F	Toshiba	KRC404E	RN1404	Toshiba	KRC104S	RN1967	Toshiba	KRC827U	RN2304	Toshiba	KRA304
RN1104FT	Toshiba	KRC404V	RN1405	Toshiba	KRC105S	RN1967FE	Toshiba	KRC827E	RN2305	Toshiba	KRA305
RN1105	Toshiba	KRC405E	RN1406	Toshiba	KRC106S	RN1968	Toshiba	KRC828U	RN2306	Toshiba	KRA306
RN1105F	Toshiba	KRC405E	RN1407	Toshiba	KRC107S	RN1968FE	Toshiba	KRC828E	RN2307	Toshiba	KRA307
RN1105FT	Toshiba	KRC405V	RN1408	Toshiba	KRC108S	RN1969	Toshiba	KRC829U	RN2308	Toshiba	KRA308
RN1106	Toshiba	KRC406E	RN1409	Toshiba	KRC109S	RN1969FE	Toshiba	KRC829E	RN2309	Toshiba	KRA309
RN1106F	Toshiba	KRC406E	RN1410	Toshiba	KRC110S	RN1970	Toshiba	KRC830U	RN2310	Toshiba	KRA310
RN1106FT	Toshiba	KRC406V	RN1411	Toshiba	KRC111S	RN1970FE	Toshiba	KRC830E	RN2311	Toshiba	KRA311
RN1107	Toshiba	KRC407E	RN1412	Toshiba	KRC113S	RN1971	Toshiba	KRC831U	RN2312	Toshiba	KRA313
RN1107F	Toshiba	KRC407E	RN1413	Toshiba	KRC114S	RN1971FE	Toshiba	KRC831E	RN2313	Toshiba	KRA314
RN1107FT	Toshiba	KRC407V	RN1414	Toshiba	KRC116S	RN1973	Toshiba	KRC834U	RN2314	Toshiba	KRA316
RN1108	Toshiba	KRC408E	RN1415	Toshiba	KRC118S	RN2101	Toshiba	KRA301E	RN2315	Toshiba	KRA318
RN1108F	Toshiba	KRC408E	RN1416	Toshiba	KRC119S	RN2101F	Toshiba	KRA301E	RN2316	Toshiba	KRA319
RN1108FT	Toshiba	KRC408V	RN1417	Toshiba	KRC120S	RN2101FT	Toshiba	KRA301V	RN2317	Toshiba	KRA320
RN1109	Toshiba	KRC409E	RN1418	Toshiba	KRC121S	RN2102	Toshiba	KRA302E	RN2318	Toshiba	KRA321
RN1109F	Toshiba	KRC409E	RN1421	Toshiba	KRC241S	RN2102F	Toshiba	KRA302E	RN2401	Toshiba	KRA101S
RN1109FT	Toshiba	KRC409V	RN1422	Toshiba	KRC242S	RN2102FT	Toshiba	KRA302V	RN2402	Toshiba	KRA102S
RN1110	Toshiba	KRC410E	RN1423	Toshiba	KRC243S	RN2103	Toshiba	KRA303E	RN2403	Toshiba	KRA103S
RN1110F	Toshiba	KRC410E	RN1424	Toshiba	KRC244S	RN2103F	Toshiba	KRA303E	RN2404	Toshiba	KRA104S
RN1110FT	Toshiba	KRC410V	RN1426	Toshiba	KRC245S	RN2103FT	Toshiba	KRA303V	RN2405	Toshiba	KRA105S
RN1111	Toshiba	KRC411E	RN1427	Toshiba	KRC246S	RN2104	Toshiba	KRA304E	RN2406	Toshiba	KRA106S
RN1111F	Toshiba	KRC411E	RN1441	Toshiba	KRC232S	RN2104F	Toshiba	KRA304E	RN2407	Toshiba	KRA107S
RN1111FT	Toshiba	KRC411V	RN1442	Toshiba	KRC233S	RN2104FT	Toshiba	KRA304V	RN2408	Toshiba	KRA108S
RN1112	Toshiba	KRC413E	RN1444	Toshiba	KRC231S	RN2105	Toshiba	KRA305E	RN2409	Toshiba	KRA109S
RN1112F	Toshiba	KRC413E	RN1544	Toshiba	KRC681T	RN2105F	Toshiba	KRA305E	RN2410	Toshiba	KRA110S
RN1112FT	Toshiba	KRC413V	RN1701	Toshiba	KRC651U	RN2105FT	Toshiba	KRA305V	RN2411	Toshiba	KRA111S
RN1113	Toshiba	KRC414E	RN1702	Toshiba	KRC652U	RN2106	Toshiba	KRA306E	RN2412	Toshiba	KRA113S
RN1113F	Toshiba	KRC414E	RN1702JE	Toshiba	KRC651E	RN2106F	Toshiba	KRA306E	RN2413	Toshiba	KRA114S
RN1113FT	Toshiba	KRC414V	RN1703	Toshiba	KRC653U	RN2106FT	Toshiba	KRA306V	RN2414	Toshiba	KRA116S
RN1114	Toshiba	KRC416E	RN1703JE	Toshiba	KRC652E	RN2107	Toshiba	KRA307E	RN2415	Toshiba	KRA118S
RN1114FT	Toshiba	KRC416V	RN1704	Toshiba	KRC654U	RN2107F	Toshiba	KRA307E	RN2416	Toshiba	KRA119S
RN1115	Toshiba	KRC418E	RN1704JE	Toshiba	KRC653E	RN2107FT	Toshiba	KRA307V	RN2417	Toshiba	KRA120S
RN1115FT	Toshiba	KRC418V	RN1705	Toshiba	KRC655U	RN2108	Toshiba	KRA308E	RN2418	Toshiba	KRA121S
RN1116	Toshiba	KRC419E	RN1705JE	Toshiba	KRC654E	RN2108F	Toshiba	KRA308E	RN2421	Toshiba	KRA221S
RN1116FT	Toshiba	KRC419V	RN1706	Toshiba	KRC656U	RN2108FT	Toshiba	KRA308V	RN2422	Toshiba	KRA222S
RN1117	Toshiba	KRC420E	RN1706JE	Toshiba	KRC655E	RN2109	Toshiba	KRA309E	RN2423	Toshiba	KRA223S
RN1117FT	Toshiba	KRC420V	RN1707	Toshiba	KRC657U	RN2109F	Toshiba	KRA309E	RN2424	Toshiba	KRA224S
RN1118	Toshiba	KRC421E	RN1707JE	Toshiba	KRC656E	RN2109FT	Toshiba	KRA309V	RN2426	Toshiba	KRA225S
RN1118FT	Toshiba	KRC421V	RN1708	Toshiba	KRC658U	RN2110	Toshiba	KRA310E	RN2427	Toshiba	KRA226S
RN1201	Toshiba	KRC101M	RN1708JE	Toshiba	KRC657E	RN2110F	Toshiba	KRA310E	RN2701	Toshiba	KRA551U
RN1202	Toshiba	KRC102M	RN1709	Toshiba	KRC659U	RN2110FT	Toshiba	KRA310V	RN2701JE	Toshiba	KRA551E
RN1203	Toshiba	KRC103M	RN1709JE	Toshiba	KRC658E	RN2111	Toshiba	KRA311E	RN2702	Toshiba	KRA552U
RN1204	Toshiba	KRC104M	RN1710	Toshiba	KRC660U	RN2111F	Toshiba	KRA311E	RN2702JE	Toshiba	KRA552E
RN1205	Toshiba	KRC105M	RN1710JE	Toshiba	KRC659E	RN2111FT	Toshiba	KRA311V	RN2703	Toshiba	KRA553U
RN1206	Toshiba	KRC106M	RN1711	Toshiba	KRC661U	RN2112	Toshiba	KRA313E	RN2703JE	Toshiba	KRA553E
RN1207	Toshiba	KRC107M	RN1711JE	Toshiba	KRC660E	RN2112F	Toshiba	KRA313E	RN2704	Toshiba	KRA554U
RN1208	Toshiba	KRC108M	RN1901	Toshiba	KRC851U	RN2112FT	Toshiba	KRA313V	RN2704JE	Toshiba	KRA554E
RN1209	Toshiba	KRC109M	RN1901FE	Toshiba	KRC851E	RN2113	Toshiba	KRA314E	RN2705	Toshiba	KRA555U
RN1210	Toshiba	KRC101M	RN1902	Toshiba	KRC852U	RN2113F	Toshiba	KRA314E	RN2705JE	Toshiba	KRA555E
RN1211	Toshiba	KRC111M	RN1902FE	Toshiba	KRC852E	RN2113FT	Toshiba	KRA314V	RN2706	Toshiba	KRA556U
RN1221	Toshiba	KRC241M	RN1903	Toshiba	KRC853U	RN2114	Toshiba	KRA316E	RN2706JE	Toshiba	KRA556E
RN1222	Toshiba	KRC242M	RN1903FE	Toshiba	KRC853E	RN2114FT	Toshiba	KRA316V	RN2707	Toshiba	KRA557U
RN1223	Toshiba	KRC243M	RN1904	Toshiba	KRC854U	RN2115	Toshiba	KRA318E	RN2707JE	Toshiba	KRA557E
RN1224	Toshiba	KRC244M	RN1904FE	Toshiba	KRC854E	RN2115FT	Toshiba	KRA318V	RN2708	Toshiba	KRA558U
RN1226	Toshiba	KRC245M	RN1905	Toshiba	KRC855U	RN2116	Toshiba	KRA319E	RN2708JE	Toshiba	KRA558E
RN1227	Toshiba	KRC246M	RN1905FE	Toshiba	KRC855E	RN2116FT	Toshiba	KRA319V	RN2709	Toshiba	KRA559U
RN1241	Toshiba	KRC232M	RN1906	Toshiba	KRC856U	RN2117	Toshiba	KRA320E	RN2709JE	Toshiba	KRA559E

Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC	Type No.	Maker	KEC
RN2710	Toshiba	KRA560U	RT1P430S	Renesas	KRA110M	UMH14N	Rohm	KRC834U	UN4113	Panasonic	KRA104M
RN2710JE	Toshiba	KRA560E	RT1P441S	Renesas	KRA104M	UML1N	Rohm	KTX301U	UN4114	Panasonic	KRA107M
RN2711	Toshiba	KRA561U	S2Z79	Toshiba	KTA1536T	UML2N	Rohm	KTX401U	UN4115	Panasonic	KRA111M
RN2711JE	Toshiba	KRA561E	S3C92	Toshiba	KTC3532T	UMS1N	Rohm	KTA501U	UN4116	Panasonic	KRA110M
RN2901	Toshiba	KRA751U	SSTA64	Rohm	MMBTA64	UMT1N	Rohm	KTA701U	UN4117	Panasonic	KRA113M
RN2901FE	Toshiba	KRA751E	TIP31C	Mospec	TIP31CF	UMT2N	Rohm	KTA711U	UN4117	Panasonic	KRA113M
RN2902	Toshiba	KRA752U	TIP31C	Onsemi	TIP31CF	UMT2222A	Rohm	KTN2222AU	UN4121	Panasonic	KRA222M
RN2902FE	Toshiba	KRA752E	TIP31C	STM	TIP31CF	UMT2907A	Rohm	KTN2907AU	UN4122	Panasonic	KRA223M
RN2903	Toshiba	KRA753U	TIP32C	Mospec	TIP32CF	UMT3904	Rohm	2N3904U	UN4123	Panasonic	KRA224M
RN2903FE	Toshiba	KRA753E	TIP32C	Onsemi	TIP32CF	UMT3906	Rohm	2N3906U	UN4124	Panasonic	KRA226M
RN2904	Toshiba	KRA754U	TIP32C	STM	TIP32CF	UMW1N	Rohm	KTC601U	UN4210	Panasonic	KRC114M
RN2904FE	Toshiba	KRA754E	TIP33C	STM	TIP33C	UMX1N	Rohm	KTC801U	UN4211	Panasonic	KRC102M
RN2905	Toshiba	KRA755U	TIP33C	Onsemi	TIP33C	UMX2N	Rohm	KTC811U	UN4212	Panasonic	KRC103M
RN2905FE	Toshiba	KRA755E	TIP34C	STM	TIP34C	UMX3N	Rohm	KTC812U	UN4213	Panasonic	KRC104M
RN2906	Toshiba	KRA756U	TIP34C	Onsemi	TIP34C	UMX4N	Rohm	KTC813U	UN4214	Panasonic	KRC107M
RN2906FE	Toshiba	KRA756E	TIP35C	Mospec	TIP35C	UMY1N	Rohm	KTX201U	UN4215	Panasonic	KRC111M
RN2907	Toshiba	KRA757U	TIP35C	Onsemi	TIP35C	UMZ1N	Rohm	KTX101U	UN4216	Panasonic	KRC110M
RN2907FE	Toshiba	KRA757E	TIP35C	STM	TIP35C	UMZ2N	Rohm	KTX102U	UN4217	Panasonic	KRC113M
RN2908	Toshiba	KRA758U	TIP36C	Mospec	TIP36C	UN211E	Panasonic	KRA109S	UN4221	Panasonic	KRA242M
RN2908FE	Toshiba	KRA758E	TIP36C	Onsemi	TIP36C	UN211F	Panasonic	KRA119S	UN4222	Panasonic	KRA243M
RN2909	Toshiba	KRA759U	TIP36C	STM	TIP36C	UN211H	Panasonic	KRA118S	UN4223	Panasonic	KRA244M
RN2909FE	Toshiba	KRA759E	TIP41C	Mospec	TIP41CF	UN211L	Panasonic	KRA101S	UN4224	Panasonic	KRA246M
RN2910	Toshiba	KRA760U	TIP41C	Onsemi	TIP41CF	UN211M	Panasonic	KRA105S	UN5110	Panasonic	KRA314
RN2910FE	Toshiba	KRA760E	TIP41C	STM	TIP41CF	UN211N	Panasonic	KRA106S	UN5111	Panasonic	KRA302
RN2911	Toshiba	KRA761U	TIP42C	Mospec	TIP42CF	UN221E	Panasonic	KRC109S	UN5112	Panasonic	KRA303
RN2911FE	Toshiba	KRA761E	TIP42C	Onsemi	TIP42CF	UN221F	Panasonic	KRC119S	UN5113	Panasonic	KRA304
RN2961	Toshiba	KRA721U	TIP42C	STM	TIP42CF	UN221H	Panasonic	KRC118S	UN5114	Panasonic	KRA307
RN2961FE	Toshiba	KRA721E	TIP112	STM	TIP112F	UN221L	Panasonic	KRC101S	UN5115	Panasonic	KRA311
RN2962	Toshiba	KRA722U	TIP112	Onsemi	TIP112F	UN221M	Panasonic	KRC105S	UN5116	Panasonic	KRA310
RN2962FE	Toshiba	KRA722E	TIP117	STM	TIP117F	UN221N	Panasonic	KRC106S	UN5117	Panasonic	KRA313
RN2963	Toshiba	KRA723U	TIP117	Onsemi	TIP117F	UN411E	Panasonic	KRA109M	UN5210	Panasonic	KRC414
RN2963FE	Toshiba	KRA723E	TIP122	Onsemi	KTD1413	UN411L	Panasonic	KRA101M	UN5211	Panasonic	KRC402
RN2964	Toshiba	KRA724U	TIP127	Onsemi	KTB1423	UN421E	Panasonic	KRC109M	UN5212	Panasonic	KRC403
RN2964FE	Toshiba	KRA724E	UMA1N	Rohm	KRA553U	UN421F	Panasonic	KRC119M	UN5213	Panasonic	KRC404
RN2965	Toshiba	KRA725U	UMA2N	Rohm	KRA554U	UN421H	Panasonic	KRC118M	UN5214	Panasonic	KRC407
RN2965FE	Toshiba	KRA725E	UMA3N	Rohm	KRA560U	UN421L	Panasonic	KRC101M	UN5215	Panasonic	KRC411
RN2966	Toshiba	KRA726U	UMA4N	Rohm	KRA561U	UN421M	Panasonic	KRC105M	UN5216	Panasonic	KRC410
RN2966FE	Toshiba	KRA726E	UMA5N	Rohm	KRA555U	UN421N	Panasonic	KRC106M	UN5217	Panasonic	KRC413
RN2967	Toshiba	KRA727U	UMA6N	Rohm	KRA564U	UN511E	Panasonic	KRA309	XP05501	Panasonic	KTC812U
RN2967FE	Toshiba	KRA727E	UMA7N	Rohm	KRA569U	UN511F	Panasonic	KRA319	XP05601	Panasonic	KTX102U
RN2968	Toshiba	KRA728U	UMA8N	Rohm	KRA557U	UN511H	Panasonic	KRA318	XP06111	Panasonic	KRA722U
RN2968FE	Toshiba	KRA728E	UMA9N	Rohm	KRA552U	UN511L	Panasonic	KRA301	XP06112	Panasonic	KRA723U
RN2969	Toshiba	KRA729U	UMA10N	Rohm	KRA566U	UN511M	Panasonic	KRA305	XP06113	Panasonic	KRA724U
RN2969FE	Toshiba	KRA729E	UMA11N	Rohm	KRA556U	UN511N	Panasonic	KRA306	XP06114	Panasonic	KRA727U
RN2970	Toshiba	KRA730U	UMB1N	Rohm	KRA753U	UN511T	Panasonic	KRA308	XP06115	Panasonic	KRA731U
RN2970FE	Toshiba	KRA730E	UMB2N	Rohm	KRA754U	UN521E	Panasonic	KRC409	XP06116	Panasonic	KRA730U
RN2971	Toshiba	KRA731U	UMB3N	Rohm	KRA760U	UN521F	Panasonic	KRC419	XP06210	Panasonic	KRC834U
RN2971FE	Toshiba	KRA731E	UMB4N	Rohm	KRA761U	UN521H	Panasonic	KRC418	XP06211	Panasonic	KRC822U
RN47A1JE	Toshiba	KRX105E	UMB6N	Rohm	KRA724U	UN521L	Panasonic	KRC401	XP06212	Panasonic	KRC823U
RN47A2JE	Toshiba	KRX103E	UMB8N	Rohm	KRA731U	UN521M	Panasonic	KRC405	XP06213	Panasonic	KRC824U
RN47A3JE	Toshiba	KRX101E	UMB9N	Rohm	KRA757U	UN521N	Panasonic	KRC406	XP06214	Panasonic	KRC827U
RN47A4JE	Toshiba	KRX102E	UMB10N	Rohm	KRA755U	UN521T	Panasonic	KRC408	XP06215	Panasonic	KRC831U
RN47A5JE	Toshiba	KRX104E	UMB11N	Rohm	KRA752U	UN2110	Panasonic	KRA114S	XP06216	Panasonic	KRC830U
RN4982FE	Toshiba	KRX201E	UMC1N	Rohm	KRX105U	UN2111	Panasonic	KRA102S	XP06401	Panasonic	KTA711U
RN4983FE	Toshiba	KRX202E	UMC2N	Rohm	KRX103U	UN2112	Panasonic	KRA103S	XP06501	Panasonic	KTC811U
RN4984FE	Toshiba	KRX203E	UMC3N	Rohm	KRX101U	UN2113	Panasonic	KRA104S			
RN4985FE	Toshiba	KRX204E	UMC4N	Rohm	KRX102U	UN2114	Panasonic	KRA107S			
RN4990FE	Toshiba	KRX205E	UMC5N	Rohm	KRX104U	UN2115	Panasonic	KRA111S			
RT1N140C	Renesas	KRC111S	UMG1N	Rohm	KRC653U	UN2116	Panasonic	KRA110S			
RT1N140S	Renesas	KRC111M	UMG2N	Rohm	KRC654U	UN2117	Panasonic	KRA113S			
RT1N141C	Renesas	KRC102S	UMG3N	Rohm	KRC660U	UN2121	Panasonic	KRA222S			
RT1N141S	Renesas	KRC102M	UMG4N	Rohm	KRC661U	UN2122	Panasonic	KRA223S			
RT1N144C	Renesas	KRC107S	UMG5N	Rohm	KRC657U	UN2123	Panasonic	KRA224S			
RT1N144S	Renesas	KRC107M	UMG6N	Rohm	KRC664U	UN2124	Panasonic	KRA226S			
RT1N241C	Renesas	KRC103S	UMG8N	Rohm	KRC669U	UN2210	Panasonic	KRC114S			
RT1N241S	Renesas	KRC103M	UMG9N	Rohm	KRC652U	UN2211	Panasonic	KRC102S			
RT1N430C	Renesas	KRC110S	UMG10N	Rohm	KRC666U	UN2212	Panasonic	KRC103S			
RT1N430S	Renesas	KRC110M	UMG11N	Rohm	KRC655U	UN2213	Panasonic	KRC104S			
RT1N441C	Renesas	KRC104S	UMH1N	Rohm	KRC853U	UN2214	Panasonic	KRC107S			
RT1N441S	Renesas	KRC104M	UMH2N	Rohm	KRC854U	UN2215	Panasonic	KRC111S			
RT1P140C	Renesas	KRA111S	UMH3N	Rohm	KRC860U	UN2216	Panasonic	KRC110S			
RT1P140S	Renesas	KRA111M	UMH4N	Rohm	KRC861U	UN2217	Panasonic	KRC113S			
RT1P141C	Renesas	KRA102S	UMH5N	Rohm	KRC823U	UN2221	Panasonic	KRC242S			
RT1P141S	Renesas	KRA102M	UMH6N	Rohm	KRC824U	UN2222	Panasonic	KRC243S			
RT1P144C	Renesas	KRA107S	UMH7N	Rohm	KRC830U	UN2223	Panasonic	KRC244S			
RT1P144S	Renesas	KRA107M	UMH8N	Rohm	KRC831U	UN2224	Panasonic	KRC246S			
RT1P241C	Renesas	KRA103S	UMH9N	Rohm	KRC857U	UN4110	Panasonic	KRA114M			
RT1P241S	Renesas	KRA103M	UMH10N	Rohm	KRC855U	UN4111	Panasonic	KRA102M			
RT1P430C	Renesas	KRA110S	UMH11N	Rohm	KRC852U	UN4112	Panasonic	KRA103M			