Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)
1	IC1	1		HF81				
2	IC51, IC151, IC201	3		UCC27524AD				
3	IC52	1		UCC28070A				
4	IC101, IC102	2		UCC21330				
5	IC251	1		UCC28951PWR				
6	IC301, IC302	2		NJU7704F3-42A(TE1)				
7	IC303	1		TLP385(D4BLLTL,E	TOSHIBA			
8	IC304	1		DCL540C01	TOSHIBA			
9	IC401	1		UCC28711DR				
10	IC402	1		LM317MDCY				
11	IC403, IC451	2		TCR1HF50B	TOSHIBA			
12	IC501	1		LM74700-Q1				
13	Q1, Q301, Q302, Q303, Q351	5		SSM3K15AMFV,L3F(T	TOSHIBA			
14	Q51, Q52	2		TK125N60Z1	TOSHIBA			
15	Q101, Q102, Q103, Q104	4		TK095N65Z5	TOSHIBA			
16	Q151, Q152, Q153, Q154, Q201, Q202, Q203, Q204	8	150V	TPM7R10CQ5	TOSHIBA	120A		
17	Q401	1		TK12A80W	TOSHIBA			
18	Q501, Q502, Q503	3	80V	TPM1R908QM	TOSHIBA	180A		
19	D1, D251	2		BAS316	TOSHIBA	100V, 0.25A		
20	D51, D52, D53, D54	4	600V	CRG04A	TOSHIBA	600V, 1A		
21	D55	1	800V	GSIB2580		25A		
22	D56, D57	2		TRS8A65F	TOSHIBA			
23	D58, D61, D62, D63, D66, D67, D303	7		1SS352(TPH3,F)	TOSHIBA	80V, 0.1A		
24	D59, D60, D64, D65, D102, D103, D105, D106, D111, D112, D114, D115, D151, D152, D154, D156, D201, D202, D204, D206	20		CUHS15S30	TOSHIBA	30V, 1.5A		
25	D101, D110	2		CMF01A	TOSHIBA	600V, 2A		
26	D104, D107, D113, D116	4		TBAT54	TOSHIBA	30V, 0.2A		
27	D108, D109	2		TRS8E65H	TOSHIBA	600V, 2A		
28	D153, D203	2		TBAT54A	TOSHIBA	30V, 0.2A		
29	D157, D158, D207, D208	4		CMH01	TOSHIBA	200V, 3A		
30	D302	1	5.6V	XCUZ5V6	TOSHIBA			

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)
31	D304, D305, D306	3	20V	1SS405	TOSHIBA	0.05A		
32	D401	1	600V	CRF03A	TOSHIBA	600V, 0.7A		
33	D402, D403	2		CRH01(TE85L,AST,Q)	TOSHIBA	200V, 1A		
34	D404	1		CRS01(TE85R,Q)		30V, 1A		
35	D451	1		RF501BGE2S				
36	R1, R2	2	75kΩ	RK73H2ETTD7502F		500mW, ±1%		3.2 x 2.5 (1210)
37	R3	1	20Ω	Y5JA-200JPTL3.5		2.8W, ±5%		
38	R4, R314, R315, R318, R319, R320, R321, R322, R323, R351, R352	11	22kΩ	RK73B1ETTP223J		63mW, ±5%		1.0 x 0.5 (0402)
39	R5	1	33kΩ	RK73B1ETTP333J		63mW, ±5%		1.0 x 0.5 (0402)
40	R7, R53, R61, R68, R69, R281, R282, R354, R357, R360, R363	11	1kΩ	RK73B1ETTP102J		63mW, ±5%		1.0 x 0.5 (0402)
41	R51, R85, R106, R117, R151, R201, R416	7	1Ω	RK73B1ETTP1R0J		63mW, ±5%		1.0 x 0.5 (0402)
42	R52, R60	2	33Ω	RK73B2ETTD330J		500mW, ±5%		3.2 x 2.5 (1210)
43	R54, R55, R62, R63	4	5.1Ω	RK73B2ATTD5R1J		250mW, ±5%		2.0 x 1.25 (0805)
44	R56, R64, R110, R113, R121, R124, R154, R158, R204, R208, R403	11	10kΩ	RK73B1ETTP103J		63mW, ±5%		1.0 x 0.5 (0402)
45	R57, R65	2	2.4kΩ	RK73B1ETTP242J		63mW, ±5%		1.0 x 0.5 (0402)
46	R58, R66, R417, R453	4	100Ω	RK73B1ETTP101J		63mW, ±5%		1.0 x 0.5 (0402)
47	R59, R67	2	2kΩ	RK73B1ETTP202J		63mW, ±5%		1.0 x 0.5 (0402)
48	R70, R71, R72, R92, R93, R94	6	1MΩ	RK73H2BTTD1004D		250mW, ±0.5%		3.2 x 1.6 (1206)
49	R73, R95	2	1.2kΩ	RK73H1ETTP1201D		63mW, ±0.5%		1.0 x 0.5 (0402)
50	R74, R96, R288, R289	4	22kΩ	RK73H1ETTP2202D		63mW, ±0.5%		1.0 x 0.5 (0402)
51	R76, R412	2	100kΩ	RK73B1ETTP104J		63mW, ±5%		1.0 x 0.5 (0402)
52	R77, R262, R409	3	100kΩ	RK73H1ETTP1003F		63mW, ±1%		1.0 x 0.5 (0402)
53	R78	1	15kΩ	RK73H1ETTP1502F		63mW, ±1%		1.0 x 0.5 (0402)
54	R79	1	30kΩ	RK73H1ETTP3002F		63mW, ±1%		1.0 x 0.5 (0402)
55	R81	1	180kΩ	RK73H1ETTP1803F		63mW, ±1%		1.0 x 0.5 (0402)
56	R82	1	6.8kΩ	RK73H1ETTP6801F		63mW, ±1%		1.0 x 0.5 (0402)

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)
57	R83, R91	2	120kΩ	RK73H1ETTP1203F		63mW, ±1%		1.0 x 0.5 (0402)
58	R84	1	3.9kΩ	RK73H1ETTP3901F		63mW, ±1%		1.0 x 0.5 (0402)
59	R87	1	3.3kΩ	RK73H1ETTP3301F		63mW, ±1%		1.0 x 0.5 (0402)
60	R88	1	4.3kΩ	RK73B1ETTP432J		63mW, ±5%		1.0 x 0.5 (0402)
61	R89, R90, R267, R271, R274	5	6.8kΩ	RK73B1ETTP682J		63mW, ±5%		1.0 x 0.5 (0402)
62	R97, R98, R103, R104, R114, R115, R164, R165, R214, R215, R277, R279, R313, R454, R505, R506	16	0Ω	RK73Z1ETTP		63mW		1.0 x 0.5 (0402)
63	R101, R102	2	300kΩ	RK73B3ATTE304J		1W, ±5%		6.3 x 3.2 (2412)
64	R105, R116, R355, R358, R361, R364	6	4.7kΩ	RK73B1ETTP472J		63mW, ±5%		1.0 x 0.5 (0402)
65	R107	1	2.2Ω	SG732ATTD2R2K		125mW, ±5%		2.0 x 1.25 (0805)
66	R108, R111, R119, R122	4	10Ω	RK73B2ATTD100J		500mW, ±5%		2.0 x 1.25 (0805)
67	R109, R112, R120, R123	4	0Ω	RK73Z2ATTD		500mW		2.0 x 1.25 (0805)
68	R118	1	2.2Ω	SG732ATTD2R2K		125mW, ±10%		2.0 x 1.25 (0805)
69	R152, R156, R202, R206, R402	5	10Ω	RK73B2ATTD100J		250mW, ±5%		2.0 x 1.25 (0805)
70	R153, R157, R203, R207, R504	5	3Ω	RK73B2ATTD3R0J		250mW, ±5%		2.0 x 1.25 (0805)
71	R155, R159, R205, R209	4	620Ω	CRGH2512J620R		2W, ±5%		6.4 x 3.2 (2512)
72	R160, R210	2	100kΩ	RK73H2BTTD1003F		250mW, ±1%		3.2 x 1.6 (1206)
73	R162, R163, R212, R213	4	27kΩ	CRGH2512J27K		2W, ±5%		6.4 x 3.2 (2512)
74	R251	1	2kΩ	RK73B2BTTD202J		250mW, ±5%		3.2 x 1.6 (1206)
75	R253, R259	2	13kΩ	RK73H1ETTP1302F		63mW, ±1%		1.0 x 0.5 (0402)
76	R255	1	33kΩ	RK73H1ETTP3302F		63mW, ±1%		1.0 x 0.5 (0402)
77	R257	1	82kΩ	RK73B1ETTP823J		63mW, ±5%		1.0 x 0.5 (0402)
78	R260, R408	2	22Ω	RK73B1ETTP220J		63mW, ±5%		1.0 x 0.5 (0402)
79	R261	1	27kΩ	RK73H1ETTP2702F		63mW, ±1%		1.0 x 0.5 (0402)
80	R263	1	62kΩ	RK73H1ETTP6202F		63mW, ±1%		1.0 x 0.5 (0402)
81	R266	1	470Ω	RK73B1ETTP471J		63mW, ±5%		1.0 x 0.5 (0402)
82	R272, R273, R411	3	2.2kΩ	RK73H1ETTP2201F		63mW, ±1%		1.0 x 0.5 (0402)
83	R280, R312	2	47kΩ	RK73B1ETTP473J		63mW, ±5%		1.0 x 0.5 (0402)

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)
84	R284	1	20Ω	RK73B2ATTD200J		250mW, ±5%		2.0 x 1.25 (0805)
85	R286	1	68kΩ	RK73H1ETTP6802F		63mW, ±1%		1.0 x 0.5 (0402)
86	R287	1	4.7kΩ	RK73H1ETTP4701D		63mW, ±0.5%		1.0 x 0.5 (0402)
87	R290	1	2.2kΩ	RK73H1ETTP2201D		63mW, ±0.5%		1.0 x 0.5 (0402)
88	R291	1	470Ω	RK73H1ETTP4700D		63mW, ±0.5%		1.0 x 0.5 (0402)
89	R301, R302, R303, R304, R309, R310, R311	7	1MΩ	RK73B2BTTD105J		250mW, ±5%		3.2 x 1.6 (1206)
90	R305	1	180kΩ	RK73B1ETTP184J		63mW, ±5%		1.0 x 0.5 (0402)
91	R306	1	33kΩ	RK73B1ETTP333J		63mW		1.0 x 0.5 (0402)
92	R307	1	1MΩ	RK73B1ETTP105J		63mW, ±5%		1.0 x 0.5 (0402)
93	R308, R353	2	10Ω	RK73B1ETTP100J		63mW, ±5%		1.0 x 0.5 (0402)
94	R316	1	3.3kΩ	RK73B2ATTD332J		250mW, ±5%		2.0 x 1.25 (0805)
95	R317	1	1.2kΩ	RK73B1ETTP122J		63mW, ±5%		1.0 x 0.5 (0402)
96	R356, R359, R362, R365	4	2.2kΩ	RK73B1ETTP222J		63mW, ±5%		1.0 x 0.5 (0402)
97	R401	1	27kΩ	PR030002027 02JAC00		3W, ±5%		Through Hole
98	R404, R405, R406	3	1.2Ω	RK73H2BTTD1R20F		250mW, ±1%		3.2 x 1.6 (1206)
99	R407	1	2.7kΩ	RK73B1ETTP272J		63mW, ±5%		1.0 x 0.5 (0402)
100	R410	1	22kΩ	RK73H1ETTP2202F		63mW, ±1%		1.0 x 0.5 (0402)
101	R413	1	33Ω	RK73B1ETTP330J		63mW, ±5%		1.0 x 0.5 (0402)
102	R414	1	2.4kΩ	RK73H1ETTP2401D		63mW, ±0.5%		1.0 x 0.5 (0402)
103	R415	1	270Ω	RK73H1ETTP2700D		63mW, ±0.5%		1.0 x 0.5 (0402)
104	R451	1	1.2kΩ	RK73B2BTTD122J		250mW, ±5%		3.2 x 1.6 (1206)
105	R452	1	10mΩ	PMR18EZPFU10L0		250mW, ±1%		3.2 x 1.6 (1206)
106	R501	1	10kΩ	RK73BW3ATTE103J		1W, ±5%		6.3 x 3.2 (2412)
107	C1, C6	2	220nF	LE224-M		275V, ±10%		Through Hole
108	C2, C3	2	100pF	DE2B3SA101KA3BT02F		250V, ±10%		Through Hole
109	C4, C5, C7, C8	4	2.2nF	DE2E3SA222MN3AT02F		250V, ±20%		Through Hole
110	C9	1	2.2μF	890324026034CS		275V, ±10%		Through Hole

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)
111	C11, C57, C66, C76, C153, C203, C252, C254, C411, C412, C413, C452, C453	13	1μF	GRM155C81E105 ME11		Ceramic, 25V, ±20%		1.0 x 0.5 (0402)
112	C51, C52	2	560μF	EKHE421VSN561 MR35Z		420V, ±20%		Through Hole
113	C53, C54, C71, C73, C303, C306, C311, C410	8	1nF	GRM155R71H102 KA01		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)
114	C55, C56, C151, C152, C201, C202	6	10μF	TMK316BJ106KL-T		Ceramic, 25V, ±10%		3.2 x 1.6 (1206)
115	C58, C60	2	4.7pF	GRM1555C1H4R7 BA01D		Ceramic, 50V, ±0.1pF		1.0 x 0.5 (0402)
116	C59, C61	2	150nF	C1005JB1E154K0 50BC		Ceramic, 25V, ±10%		1.0 x 0.5 (0402)
117	C62, C63	2	2.2nF	GRM155R71H222 JA01D		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)
118	C64, C77	2	4.7nF	GRM155R71H472 KA01D		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)
119	C65	1	2.7nF	GCM155R71H272 KA01		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)
120	C67	1	22μF	GRM31CR61E226 KE15L		Ceramic, 25V, ±10%		3.2 x 1.6 (1206)
121	C68, C70, C253, C302, C305, C309, C310, C351	8	100nF	C1005X7R1E104K 050BB		Ceramic, 25V, ±10%		1.0 x 0.5 (0402)
122	C72, C74	2	3.3nF	CGJ2B2X7R1E332 K050BA		Ceramic, 25V, ±10%		1.0 x 0.5 (0402)
123	C75	1	120nF	GRM188R71E124 KA01D		Ceramic, 25V, ±10%		1.6 x 0.8 (0603)
124	C101, C102, C112, C113	4	220pF	GRM155R72A221 KA01		Ceramic, 100V, ±10%		1.0 x 0.5 (0402)
125	C104, C106, C115, C117	4	10μF	C3216X7R1H106 K160AC		Ceramic, 50V, ±10%		3.2 x 1.6 (1206)
126	C105, C107, C108, C116, C118, C119	6	220μF	C1608X7R1H224 K080AB		Ceramic, 50V, ±10%		1.6 x 0.8 (0603)
127	C111	1	100nF	RDER73A104K5B 1H03B		1000V, ±10%		
128	C154, C155, C204, C205	4	680pF	GRM21A5C2E681 JWA1J		Ceramic, 250V, ±5%		2.0 x 1.25 (0805)
129	C156, C206	2	330nF	GRM43DR72E334 KW01		Ceramic, 250V, ±10%		4.5 x 3.2 (1812)
130	C251	1	2.2μF	GRM155C71A225 KE11		Ceramic, 10V, ±10%		1.0 x 0.5 (0402)
131	C255, C407	2	470pF	GRM1552C1H471 JA01		Ceramic, 50V, ±5%		1.0 x 0.5 (0402)
132	C256	1	2.2nF	GRM155R71H222 JA01D		Ceramic, 50V, ±5%		1.0 x 0.5 (0402)
133	C257	1	220pF	GRM1555C1H221 JA01		Ceramic, 50V, ±5%		1.0 x 0.5 (0402)
134	C301	1	47nF	GRM31CR7LV473 KW01		Ceramic, 630V, ±10%		3.2 x 1.6 (1206)
135	C304	1	47nF	GRM155C71H473 KE19		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)
136	C307	1	220nF	GRM155R71C224 KA12		Ceramic, 16V, ±10%		1.0 x 0.5 (0402)

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)
137	C401	1	6.8μF	EKXJ451ELL6R8MJ16S		450V, ±20%		Through Hole
138	C402, C403	2	22nF	GRM31CR72J223KW03		Ceramic, 630V, ±10%		3.2 x 1.6 (1206)
139	C405	1	1.5μF	GRM21BC71E106KE01		Ceramic, 35V, ±10%		2.0 x 1.25 (0805)
140	C408	1	330μF	EMLA350ARA331MJA0G		35V, ±20%		
141	C414	1	470pF	DE2B3SA221KA3BT02F		250V, ±10%		Through Hole
142	C451	1	1200μF	EKZN250ELL122MJ25S		25V, ±20%		Through Hole
143	C501, C502, C503, C504, C505	5	330μF	EKZN630ELL331MJ25S		63V, ±20%		Through Hole
144	C506, C511, C512	3	33nF	C2012C0G2A333J125AE		Ceramic, 100V, ±5%		2.0 x 1.25 (0805)
145	C509, C510	2	1μF	GRM21BC72A105KE01		Ceramic, 100V, ±10%		2.0 x 1.25 (0805)
146	L1, L2	2	13.2mH	LDFW013412YV-V0E		13A		
147	L51, L52	2	245μHMin.	TAM-HG-5I5A241				
148	L53, L54	2		FBMJ3216HS800-T				
149	L101	1	13μH	TMSD-Y3001		要確認		
150	L151, L201	2	31μH	CTW18A27uH		18A		
151	F1	1	15A	0215015.MXEP				
152	F401	1	2A	80812000440				
153	RV1	1	560V	TND14V-561KB00AAA0				
154	RY1	1		G5PZ-1A				
155	T51, T52	2	0.180555556	P009-203				
156	T101	1	0.111111111	PE-63587				
157	T151, T201	2		08C26031				
158	T401	1	spec=YB-3513A	WT2020B				
159	CN1	1	15A	AC-P05CP24		Connector, 250V		
160	CN2	1		B3P-VH		Connector		
161	CN501, CN502	2	M5	7460305		Connector, 160A		
162	CN503	1		B2B-XH-A(LF)(SN)		Connector		
163	CN504	1		B4B-XH-A		Connector		
164	HS1, HS2	2		BPUS15-25				

Not Mounted Items

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package Name	Standard Dimensions mm (inch)	Not Mounted
165	Q504	1	80V	TPM1R908QM	TOSHIBA	180A			Not Mount
166	D68	1		CRZ15	TOSHIBA				Not Mount
167	D405	1		TBAT54	TOSHIBA	30V, 0.2A			Not Mount
168	R6, R80, R86, R252, R254, R256, R258, R264, R265, R269, R275, R276, R278, R283, R285, R418, R419, R420, R421, R422, R423	21	0Ω	RK73Z1ETTP		63mW		1.0 x 0.5 (0402)	Not Mount
169	R161, R211	2	100kΩ	RK73H2BTTD1003F		250mW, ±1%		3.2 x 1.6 (1206)	Not Mount
170	R268, R270	2	6.8kΩ	RK73B1ETTP682J		63mW, ±5%		1.0 x 0.5 (0402)	Not Mount
171	R292	1		R2012		250mW		2.0 x 1.25 (0805)	Not Mount
172	R502, R503	2	10kΩ	RK73BW3ATTE103J		1W, ±5%		6.3 x 3.2 (2412)	Not Mount
173	C69	1	100pF	GRM1885C1H101JA01D		Ceramic, 50V, ±5%		1.6 x 0.8 (0603)	Not Mount
174	C78, C79	2	0.1μF	GRJ43DR72J104KWJ1K		Ceramic, 630V, ±10%		4.5 x 3.2 (1812)	Not Mount
175	C81, C82	2	150nF	C1005JB1E154K050BC		Ceramic, 25V, ±10%		1.0 x 0.5 (0402)	Not Mount
176	C103, C109, C110, C114, C120, C121	6	220pF	GRM155R72A221KA01		Ceramic, 100V, ±10%		1.0 x 0.5 (0402)	Not Mount
177	C157, C207	2	330nF	GRM43DR72E334KW01		Ceramic, 250V, ±10%		4.5 x 3.2 (1812)	Not Mount
178	C158, C159, C208, C209	4	1nF	GRM155R71H102KA01		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)	Not Mount
179	C258	1		C2012		Ceramic		2.0 x 1.25 (0805)	Not Mount
180	C308	1	10nF	GRM155R71H103KA88		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)	Not Mount
181	C409	1	2.2nF	GRM155R71H222JA01D		Ceramic, 50V, ±10%		1.0 x 0.5 (0402)	Not Mount
182	C507, C508	2	33nF	C2012C0G2A333J125AE		Ceramic, 100V, ±5%		2.0 x 1.25 (0805)	Not Mount
183	C513	1	100nF	C1005X7R1E104K050BB		Ceramic, 25V, ±10%		1.0 x 0.5 (0402)	Not Mount

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