

Item	Description	Specification	Reference
1	SMD RES 0R-5%-1/16W;0402	YAGEO;RC0402JR-070RL	R2130,R3208,R4016,R4017,R4100,R5005,R5006,R5007,R5031,C5031,R5033,R5034,R5039,R5041,R5048,R5052,R5056,R5057,R5071,R5074,R6407,R6411,R6414,R6416,R6419,R6512,R6513,R6514,R6515,R6516,R6520,R6521,R6522,R3225,R3226,R7102
2	SMD RES 470R-1%-1/16W;0402	YAGEO;RC0402FR-07470RL	R3201,R3213,R3215,R3217,R3219,R3221
3	SMD RES 20K-5%-1/16W;0402	YAGEO;RC0402JR-0720KL	R3203,R3204
4	SMD RES 1M-1%-1/16W;0402	YAGEO;RC0402FR-071ML	R6402
5	SMD RES 1K-1%-1/16W;0402	YAGEO;RC0402FR-071KL	R3202,R3210,R3211
6	SMD RES 12K-5%-1/16W;0402	YAGEO;RC0402JR-0712KL	R6406
7	SMD RES 10K-1%-1/16W;0402	YAGEO;RC0402FR-0710KL	R910,R917,R920,R6523,R7128,R7126,R7127,R7118
8	SMD RES 47K-1%-1/16W;0402	YAGEO;RC0402FR-0747KL	R6410,R6415,R6504,R6505
9	SMD RES 27K-1%-1/16W;0402	YAGEO;RC0402FR-0727KL	R6503
10	SMD RES 100K-1%-1/16W;0402	YAGEO;RC0402FR-07100KL	R922,R3212,R3214,R3216,R3218,R3220,R3222,R6404,R6405,R6408,R6409,R7101,R7106,R7125,R7119,R7105
11	SMD RES 2K-1%-1/16W;0402	YAGEO;RC0402FR-072KL	R6506,R6507
12	SMD RES 1.5K-±1%-1/20W;0201	Yageo;RC0201FR-071K5L	R2114
13	SMD RES 1K-±1%-1/20W;0201	Yageo;RC0201FR-071KL	R1322,R1323,R1324,R1325
14	SMD RES 0R-±1%-1/20W;0201	Yageo;RC0201FR-070RL	R1101,R1102,R1103,R1104,R1105,R1106,R1203,R1260,R2008,R2011,R2129,R2140,R2203,R5001,R5002,R5008,R5012,R5015,R5016,C5041,R5047,R5060
15	SMD RES 10K-±1%-1/20W;0201	Yageo;RC0201FR-0710KL	R2139,R2201
16	SMD RES 1.5K-1%-1/16W;0402	Yageo;RC0402FR-071K5L	R6502
17	SMD RES;4.7K-5%-1/20W;0201	Yageo;RC0201FR-074K7L	R1307,R1308,R1309,R1310,R1311,R1312,R1313,R1314,R1315,R1316,R1317,R1318
18	SMD RES 0R-JUMPER-1/10W;0603	Yageo;RC0603FR-070RL	R2003,R4001,R4012
19	SMD RES 0.01R-1%-1/4W;1206	Panasonic;RJ-MP2KF10MU	R916,R923,R924
20	SMD RES 2.49K-1%-1/16W;0402	Yageo;RC0402FR-072K49L	R6511
21	SMD RES 124K-1%-1/16W;0402	Yageo;RC0402FR-07124KL	R919
22	SMD RES 5.1K-1%-1/20W;0201	Yageo;RC0201FR-075K1L	R1301
23	SMD RES 240R-1%-1/20W;0201	Yageo;RC0201FR-07240RL	R1202,R1204,R1205,R1206
24	SMD RES 200K-1%-1/20W;0201	Yageo;RC0201FR-07200KL	R2001
25	SMD RES 1R-1%-1/20W;0201	Yageo;RC0201FR-071RL	R2002
26	SMD RES 330K-1%-1/20W;0201	Yageo;RC0201FR-07330KL	R2102
27	SMD RES 39K-1%-1/20W;0201	Yageo;RC0201FR-0739KL	R2103
28	SMD RES 40.2R-1%-1/20W;0201	Yageo;RC0201FR-0740R2L	R1207
29	SMD RES 22.1K-1%-1/16W;0402	Yageo;RC0402FR-0722K1L	R918,R921
30	SMD RES 31.6K-1%-1/16W;0402	Yageo;RC0402FR-0731K6L	R906
31	SMD CAP Ceramic 10nF-50V-10%-X7R;0402	YAGEO;CC0402KRX7R9BB103	C3201
32	SMD CAP Ceramic 18pF-50V-5%-NPO;0402	YAGEO;CC0402JRNPO9BN180	C5014,C5024,C6401,C6402
33	SMD CAP Ceramic 22pF-50V-5%-NPO;0402	YAGEO;CC0402JRNPO9BN220	C5025
34	SMD CAP Ceramic 4.7uF-6.3V-20%-X5R;0402	YAGEO;CC0402MRX5R5BB475	C1069,C1118,C2008,C2009,C2010,C2011,C2031,C2032,C2034,C2035,C2054,C2120,C2122,C4001
35	SMD CAP Ceramic 1.5pF-50V-0.1pF-NPO;0402	YAGEO;CC0402BRNPO9BN1R5	C5043
36	SMD CAP Ceramic 100nF-25V-10%-X7R;0402	YAGEO;CC0402KRX7R8BB104	C917,C922,C6403,C6404,C6406,C6407,C6408,C6409,C6504,C6505,C6506,C6507,C6508,C6509,C6510,C6511,C6512,C6513,C6514,C6515,C6516,C6519,C6520

37	SMD CAP Ceramic 1uF-10V-10%-X5R;0402	YAGEO;CC0402KRX5R6BB105	C901,C907,C916,C921,C2118,C4003,C5015,C6405,C6410,C6411,C9003
38	SMD CAP Ceramic 12pF-50V-5%-NPO;0402	YAGEO;CC0402JRNPO9BN120	C5044
39	SMD CAP Ceramic 20pF-50V-5%-NPO;0402	YAGEO;CC0402JRNPO9BN200	C5010
40	SMD CAP Ceramic 10uF-6.3V-20%-X5R;0402		C5006
41	SMD CAP Ceramic 4.7uF-10V-10%-X5R;0603	YAGEO;CC0603KRX5R6BB475	C4101
42	SMD CAP Ceramic 22uF-6.3V-20%-X5R;0603		C1001,C1002,C1013,C1014,C1016,C1031,C1032,C1033,C1034,C1045,C1046,C1047,C1056,C1068
43	SMD CAP Ceramic 2.7pF-50V-5%-NPO;0402		C5042
44	SMD CAP Ceramic 2.2uF-6.3V-20%-X5R;0402	YAGEO;CC0402MRX5R5BB225	C1063,C2004,C2005,C2006,C2007,C2013,C2014,C2055,C2119,C4002
45	SMD CAP Ceramic 22uF-25V-20%-X5R;0805		C914,C927
46	SMD CAP Ceramic;1uF-6.3V-±20%-X5R;0201	Yageo;CC0201MRX5R5BB105	C1048,C1050,C1051,C1052,C1064,C1066,C1073,C1074,C1075,C1101,C1103,C1109,C1111,C1116,C1117,C1121,C1122,C1123,C1214,C2003,C2015,C2016,C2017,C2018,C2019,C2020,C2021,C2022,C2024,C2026,C2027,C2028,C2029,C2030,C2036,C2037,C2038,C2039,C2040,C2041,C2042,C2052,C2053,C2110,C2121,C2123,C2124,C2125,C5001,C5012,C5017
47	SMD CAP Ceramic 100nF-10V-10%-X5R;0201	Yageo;CC0201KRX5R6BB104	C1208,C1004,C1006,C1007,C1008,C1010,C1011,C1012,C1028,C1029,C1030,C1055,C1057,C1058,C1059,C1061,C1062,C1065,C1070,C1071,C1072,C1102,C1104,C1105,C1106,C1107,C1108,C1110,C1114,C1115,C1124,C1125,C1126,C1127,C1128,C1129,C1130,C1131,C1132,C1133,C1134,C1135,C1201,C1202,C1203,C1204,C1206,C1211,C1212,C1213,C1215,C1217,C1218,C1222,C1223,C2023,C2025,C2043,C2046,C2206,C4004,C4005,C4006,C5002,C9002
48	SMD CAP Ceramic;22pF-50V-5%-NPO;0201	Yageo;CC0201JRNPO9BN220	C2044,C2045
49	SMD CAP Ceramic 1nF-16V-10%-X7R;0201	YAGEO;CC0201KRX7R7BB102	C2127
50	SMD CAP Ceramic 4.7uF-10V-10%-X5R;0402	Murata;GRM155R61A475MEAA#	C6412,C6413
51	SMD CAP Ceramic 4.7uF-16V-10%-X5R;0603	Murata;GRM185R61C475KE11#	C6501
52	SMD CAP Ceramic 10uF-25V-20%-X5R;0603	Murata;GRM188R61E475ME11#	C2201,C2202,C2203,C2204,C2301,C2302,C6503
53	SMD CAP Ceramic 100pF-50V-5%-NPO;0201	YAGEO;CC0201JRNPO9BN101	C5005,C5009,C5018
54	SMD CAP Ceramic 10nF-16V-10%-X7R;0201	CC0201KRX7R7BB103	C5011
55	SMD CAP Ceramic 2.2uF-6.3V-20%-X5R;0201	Murata;GRM033R60J225ME47D	C1112,C1113
56	SMD CAP Ceramic 3.3nF-25V-10%-X7R;0201	Murata;GRM033R71E332KA12D	C1205,C1207,C1209
57	SMD CAP Ceramic 4.7nF-10V-10%-X7R;0201	Yageo;CC0201KRX7R6BB472	C5013
58	SMD CAP Ceramic 1uF-10V-20%-X5R;0201	Murata;GRM033R61A105ME44	C2205
59	SMD CAP Ceramic 22uF-10V-20%-X5R;0603	Murata;GRM188R61A226ME15D	C918,C919,C923,C924
60	SMD CAP Ceramic 8.2nF-25V-10%-X7R;0402	Yageo;CC0402KRX7R8BB822	C915,C920
61	SMD CAP Ceramic 47uF-6.3V-20%-X5R;0603	Murata;GRM188R60J476ME15D	C1015,C2001,C2002
62	SMD CAP LowESL 4.3uF-2.5V-20%-X5R;4P-L1.0*W0	Murata;LLD154R60E435ME01D	C1020,C1021,C1022,C1023,C1035,C1036,C1037,C1038,C1053,C1136,C1137,C1138
63	SMD Inductor 5.6nH-0.3nH-300mA;0402	Murata;LQG15HS5N6S02D	L5003
64	SMD Inductor 470nH-20%-3.3A;0806	Taiyo Yuden;MAKK2016HR47M	PL2001,PL2002,PL2003,PL2004,PL2005,PL2006,PL2007
65	SMD Inductor 330nH-20%-4.8A;1008	Murata;DFE252010F-R33M=P2	PL2301
66	SMD Inductor 100nH-5%-150mA;0402	Murata;LQG15HSR10J02D	L5001
67	SMD Inductor 82nH-5%-150mA;0402	Murata;LQG15HS82NJ02D	L5002
68	SMD Inductor 220nH-20%-5.8A;2P-L2.5*W2.0*H1.0mm	Cyntec;PIFE25201T-R22MS	PL2201,PL2202,PL2203,PL2204
69	SMD Inductor 1.2nH-0.3nH-300mA;0402	Murata;LQG15HS1N2S02D	L5012
70	SMD Inductor 3.3uH-20%-2.3A;2P-L4.4*W4.1*H1.5mm	TDK;SPM4015T-3R3M	PL901,PL902
71	SMD Ferrite Bead 120R-200mA;0201	Murata;BLM03AG121SN1D	BEAD5001

72	SMD Diode Schottky 20V-1A;SOD-523	NXP;PMEG2010AEB,115	D1001,D1002,D3201,D3202,D6503,D6504
73	SMD Diode Schottky 20V-500mA;UMD2	Rohm;RB551V-30TE-17	D6501
74	SMD Diode TVS 5.5VWm;DFN1006P2X	Murata;LXES1UBAA1-096	ESD6401
75	SMD Diode TVS 5V-4A;DFN1006-2L	Will;ESD5311N	ESD4101,ESD4102,ESD4103,ESD4104,ESD4105,ESD4106,ESD4107,ESD4108,ESD4109
76	SMD Diode ESD 15.4V-32A;0402	AMAZING;AZ4514-01F	D6401
77	SMD Diode Array ESD 3.6V-6A;DFN2510P10E	AMAZING;AZ1143-04F	ESD6501,ESD6502
78	SMD Diode Array ESD 5.5V/15KV;DFN1006P3X	AMAZING;AZ5315-02F	ESD6402
79	SMD LED Clear-Green;LED-0603	Everlight;19-217/G7C-AN1P2/3T	LED3201,LED3202,LED3203,LED3204
80	SMD LED Clear-Yellow;0603	Everlight;19-217/Y5C-AM1N1VY/3T	LED3205
81	SMD LED Clear-Blue;0603	Ever Light;19-217/BHC-ZL1M2RY/3T	LED3206
82	SMD Transistors NPN 50V-150mA;SOT-23	Toshiba;TMBT3904	Q6502, Q6505
83	SMD MOSFET P-CH 20V-800mA;SOT-723(VESM)	Toshiba;SSM3K35MFV(TPL3)	Q3201,Q3202,Q3203,Q3204,Q3205,Q3206,Q6401, Q6503,Q6504
84	SMD MOSFET P-CH 30V-1.9A;SOT-23	CET;CES2303	Q6501
85	SMD Crystal;26MHz-2.5*2*0.8mm	7L26002009	U5001
86	SMD Crystal TCXO 26MHz-2ppm-2.8V;4P-3.2*2.5*1.0	TXC;7Q26002005	U3201
87	SMD Crystal 24MHz-12pF-30ppm-50R;2P-L5.0*W3.2*	TXC;7A-24.000MAAE-T	X6401
88	SMD Crystal 26MHz-7.3pF-10ppm-30R;4P-L3.2*W2.5	TAI-SAW;TZ1689A	X6501
89	SMD Crystal 32.768KHz-12.5pF-20ppm-70KR;2P-L3.2	Seiko;SC-32S	X2001
90	SMD Filter 1575MHz;5P-L1.1*W0.9*H0.5mm	Murata;SAFFB1G56KB0F0A	U5005,U5006
91	SMD Filter 2400-2500MHz;6P-L1.6*W0.8*H0.6mm	TDK;DPX165950DT-8048A1	F5001
92	SMD Filter 2400-2500MHz;3P-L1.6*W0.8*H0.7mm	TDK;DEA162450BT-1288B1	U5004
93	(CFC)SMD IC MCU;	MTK;MT6351V/AHDC-E-H	U2001
94	(CFC)SMD IC MCU;	MTK;MT6631N/AJCA-EA1P1B4-L	U5003
95	(CFC)SMD IC MCU;	MTK;MT8193	U6502
96	SMD IC MCU;WLCSP-66	Dialog;DA9214-JGUP2	U2201
97	SMD IC Amplifier;TSLP-6-2	Infineon;BGA 725L6 E6327	U5007
98	SMD IC PMIC;WLCSP-20	Fairchild;FAN53200UC35X	U2301
99	SMD IC PMIC;WLCSP-9 (1.2x1.2)	Fairchild;FPF2495UCX	U6501
100	SMD IC PMIC;SO-8 PowerPad(3.90mm Width)	TI;TPS54628DDAR	U901,U917
101	SMD IC Driver;SOP-8	Richtek;RT9183HPS	U914
102	SMD IC Interface;QFN-36-EP(6x6)	Microchip;USB2513BI-AEZG	U6401
103	SMD IC Memory;FBGA-153	Hynix;H26M41204HPR	U4001
104	SMD IC Memory;FBGA-256	Hynix;H9CKNNNBKTMRRP-NUH	POP DDR
105	(CFC)SMD IC MCU;MWFPOP950	MTK;MT6797W/W	U1001
106	SMD IC Surge Suppression ICs;DSBGA-12	TI;TPD4S214YFFR	U6402,U6403
107	SMD Button Top 300g;Black-4P-L4.6*W2.8*H1.9mm	C&K;KMR231GLFS	SW3201,SW3202,SW3203,SW3204
108	SMD Built-in Antenna 2.4GHz/5.5GHz;6P-L1.6*W0.8*H	TDK;ANT016008LCD2442MA1	ANT5001
110	DIP USB A TYPE FMAL;4P-2.0-90D	山旗;ST-USB-003A	CON6401,CON6402
111	SMD Micro USB TYPE B;5P+4-L5.85*W9.95*H2.73mm	KEIRAKU;KIU90511S1M1R	CON6403
112	DIP Black Female Header VERT;2*8P-2.0-4.5mm	FCI;63453-116LF	CON6101
113	SMD Black Female Header;2*20P-2.0-4.5mm	FCI;55510-140LF	CON7001
114	SMD Female IPEX U.FL;2P-L2.5*W2.5*H1.4mm	Murata;MM8130-2600RB8	CON5001,CON5003,CON5004
115	SMD Female IPEX U.FL;2P-L1.8*W1.7*H0.5mm	Murata;MM5829-2700RJ4	CON5005,CON5006
116	SMD SD Card Holder;8P+4-L15.3*W13.7*H1.4mm	Smart-Conn;TA-M017-012-07-811	CON4101
117	DIP DC Power Jack With Boss;3P-L12.5*W9.0*H6.0mm	HSF;LM-DC-D049	J901
118	SMD BTB CONN;Male-2*30P+2P(定脚位)-0.8mm;L21	FCI;61082-061409LF	CON7101
119	SMD HDMI Connector;19P-0.5-L15.0*W9.0*H6.1mm-9	FCI;10029449-111RLF	CON6501

120	SWITCH ,218-4LPSTRF	CTS;218-4LPSTRF	SW3205
121	IC USB SWITCH SPDT DUAL 10UQFN,TC7USB40MU	Toshiba, TC7USB40MU	U6503
122	CONN HEADER F4S .4MM 40POS SMD	Panasonic,AXT640124	CON9001