

Bill of Materials

**Model: T461
(RoHS) SMT_BM FOR T461 V2**

NO.	PARTS NUMBER	DESCRIPTION	QUANTITY	POSITION
1	ABU.R0R0.169S	(RoHS) SMT_BM FOR T461	1	
2	ECS.1111.050RC1	(RoHS) CAP_C_CHIP 5PF/B/(CH)(0402)(EYANG)	1	C38
3	ECS.1111.1R8R	(RoHS) CAP_C_CHIP 1.8PF/B/(CH)(0402) A:COG150I(SAMSUNG)	1	C110
4	ECS.1111.2R2RA1	(RoHS) CAP_C_CHIP 2.2PF/B/(CH)(0402)C0402COG2R2B(EYANG)	2	C22,C21
5	ECS.1112.030R	(RoHS) CAP_C_CHIP 3PF/C(CH)(0402) A:COG150L(SAMSUNG)	2	C20,C132
6	ECS.1112.040RA1	(RoHS) CAP_C_CHIP 4PF/C(CH)(0402) A:COG150L(EYANG)	2	C12,L14
7	ECS.1112.3R3R	(RoHS) CAP_C_CHIP 3.3PF/C(CH)(0402) A:COG150L(SAMSUNG)	1	C36
8	ECS.1113.050RA1	(RoHS) CAP_C_CHIP 5PF/D(CH)(0402) A:COG150L (EYANG)	5	C42,C86,C158,C105,C19
9	ECS.1113.060RB1	(RoHS) CAP_C_CHIP 6PF/D(CH)(0402) A:COG150L(EYANG)	1	C108
10	ECS.1113.080RB1	(RoHS) CAP_C_CHIP 8PF/D(CH)(0402) A:COG150L(EYANG)	3	C40,C77,C142
11	ECS.1116.100RA1	(RoHS) CAP_C_CHIP 10PF/J(CH)(0402)C0402COG100J(EYANG)	2	C133,C122
12	ECS.1116.101RD1	(RoHS) CAP_C_CHIP 100PF/J(CH)(0402)C0402COG101J(EYANG)	24	C3,C4,C10,C16,C26,C32,C34,C35,C44,C48,C53,C58,C60,C74,C80,C212,C213,C224,C117,C113,C237, C238,C134,C81
13	ECS.1116.120R	(RoHS) CAP_C_CHIP 12PF/J(CH)(0402) A:COG150L(SAMSUNG)	3	C5,C129,C64
14	ECS.1116.150R	(RoHS) CAP_C_CHIP 15PF/J(CH)(0402) A:COG150L(SAMSUNG)	1	C92
15	ECS.1116.180RA1	(RoHS) CAP_C_CHIP 18PF/J(CH)(0402) A:COG(EYANG)	1	C85
16	ECS.1116.220RA2	(RoHS) CAP_C_CHIP 22PF/J(CH)(0402) C0402COG220J(EYANG)	6	C14,C24,C68,C69,C84,C87
17	ECS.1116.330RA2	(RoHS) CAP_C_CHIP 33PF/J(CH)(0402) A:COG150L(EYANG)	4	C7,C31,C43,C138

18	ECS.1116.471RA1	(RoHS) CAP_C_CHIP 470PF/J(CH)(0402) A:COG150L (EYANG)	1	C41
19	ECS.1212.050R	(RoHS) CAP_C_CHIP 5PF/C(CH)/(0603) A:COG150L(SAMSUNG)	1	C126
20	ECS.1213.060R	(RoHS) CAP_C_CHIP 6PF/D(CH)(0603) A:COG150L (SAMSUNG)	1	C125
21	ECS.2197.102R	(RoHS) CAP_C_C.H.D. B0.001uF/K(0402) X:X7R282L	9	C39,C46,C61,C28,C131,C231,C236,C239,C140
22	ECS.2197.103R	(RoHS) CAP_C_C.H.D. B0.01uF/K(0402) X:X7R282L	5	C25,C29,C102,C115,C235
23	ECS.2197.104R	(RoHS) CAP_C_C.H.D. B0.1uF/K(0402) X:X7R282L	22	C1,C9,C18,C27,C50,C52,C57,C65,C71,C72,C79,C83,C136,C137,C210,C229,C98,C33,C51,C112,C234, C128
24	ECS.2197.153R	(RoHS) CAP_C_C.H.D. B0.015uF/K(0402) X:X7R282L	1	C6
25	ECS.2197.183R	(RoHS) CAP_C_C.H.D. B0.018uF/K(0402) X:X7R282L	2	C97,C94
26	ECS.2197.223R	(RoHS) CAP_C_C.H.D. B0.022uF/K(0402) X:X7R282L	2	C225,C59
27	ECS.2197.473R	(RoHS) CAP_C_C.H.D. B0.047uF/K(0402) X:X7R282L	1	C109
28	ECS.2197.474R	(RoHS) CAP_C_C.H.D. B0.47uF/K(0402 16V) X:X7R282L (SAMSUNG)	2	C54.C116
29	ECS.2197.683R	(RoHS) CAP_C_C.H.D. B0.068uF/K(0402) X:X7R282L	2	C17,C96
30	ECS.2297.104R	(RoHS) CAP_C_C.H.D. B0.1uF/K(0603) X:X7R282L	2	C55,C70
31	ECS.2297.105R	(RoHS) CAP_C_C.H.D. B1uF/25V/K(0603) X:X5R282L	5	C67,C73,C90,C227,C88
32	ECS.2297.225R	(RoHS) CAP_C_C.H.D. 2.2UF/10V/K(0603) X:X5R282L(SAMSUNG)	1	C232
33	ECS.2297.471RA1	(RoHS) CAP_C_C.H.D. B470PF/K(0603) (EYANG)	1	C101
34	ECS.2297.683R	(RoHS) CAP_C_C.H.D. B0.068uF/K(0603) X:X7R282L	2	C209,C215
35	ECS.23A9.106R	(RoHS) CAP_C_C.H.D. F10uF/10V/Z(0805) Y:YF153L	5	C49,C66,C104,C8,C127
36	ECS.23A9.226R	(RoHS) CAP_C_C.H.DF 22uF/Z(0805) Y:YF153L	2	C230,C2
37	ECS.23A9.475R	(RoHS) CAP_C_C.H.D.F4.7uF/Z(0805) Y:YF153L	2	C106,C107

38	EHS.0112.101R	(RoHS) CHIP COIL SQUARE 100nH/J(0402) FY	2	L6,C130
39	EHS.0112.180R	(RoHS) CHIP COIL SQUARE 18nH/J(0402) FY	2	L7,L13
40	EHS.0112.220R	(RoHS) CHIP COIL SQUARE 22nH/J(0402) FY	1	L8
41	EHS.0112.330RA1	(RoHS) CHIP COIL SQUARE 33nH/J(0402)FY	1	C99
42	EHS.0122.101RA1	(RoHS) CHIP COIL SQUARE 100nH/J(0603) FY	1	L105
43	EHS.0122.221RA1	(RoHS) CHIP COIL SQUARE 0.22uH/J(0603) FY	1	L15
44	EHS.0133.102RA1	(RoHS) CHIP COIL SQUARE 1.0uH/K(0805)FY	1	L201
45	EHS.0250.001R	(RoHS) CHIP COIL SPRING 0.32-1.2-3T	2	L4,L11
46	EHS.0250.020R	(RoHS) CHIP COIL SPRING 0.30-1.2-5T	4	L12,L101,L107,L5
47	EHS.0250.021R	(RoHS) CHIP COIL SPRING 0.32-1.1-4T	2	L1,L2
48	EHS.0324.601RB1	(RoHS) 0603 600 OHM/100MHz(1uH) RCD:0.1 OHM/2A (FY)	1	R3
49	EHS.0334.601RA1	(RoHS) 0805 600 OHM/100MHz(1uH) RCD:0.1 OHM/2A	1	R202
50	EJK.5200.058R	(RoHS) EARPHONE JACK ST-0220S00-060-162 Φ 2.5mm	1	JACK1
51	ERS.0122.225R	(RoHS) RES_(0402)-32 2.2 MOHM(F: \pm 1%)	1	R52
52	ERS.0122.474R	(RoHS) RES_(0402)-32 470 KOHM(F: \pm 1%)	1	R53
53	ERS.0122.564R	(RoHS) RES_(0402)-32 560 KOHM(F: \pm 1%)	1	R54
54	ERS.0124.000R	(RoHS) RES_(0402)-10 0 OHM	4	J1,R31,R89,R70
55	ERS.0124.100R	(RoHS) RES_(0402)-10 10 OHM	2	R11,R69
56	ERS.0124.102R	(RoHS) RES_(0402)-10 1 KOHM	9	R9,R48,R2,R24,R41,R44,R45,R92,R73

57	ERS.0124.103R	(RoHS) RES_(0402)-10 10 KOHM	13	R16,R28,R33,R34,R39,R62,R100,R80,R88,R90,R4, R82,R104
58	ERS.0124.104R	(RoHS) RES_(0402)-10 100 KOHM	4	R29,R40,R6,C62
59	ERS.0124.105R	(RoHS) RES_(0402)-10 1 MOHM	1	R36
60	ERS.0124.122R	(RoHS) RES_(0402)-32 1.2 KOHM	1	R18
61	ERS.0124.123R	(RoHS) RES_(0402)-10 12 KOHM	1	R58
62	ERS.0124.151R	(RoHS) RES_(0402)-10 150 OHM	1	R96
63	ERS.0124.153R	(RoHS) RES_(0402)-10 15 KOHM	1	R60
64	ERS.0124.183R	(RoHS) RES_(0402)-10 18 KOHM	2	R8,R49
65	ERS.0124.203R	(RoHS) RES_(0402)-10 20 KOHM	2	R22,R79
66	ERS.0124.220R	(RoHS) RES_(0402)-10 22 OHM	2	R32,R46
67	ERS.0124.221R	(RoHS) RES_(0402)-10 220 OHM	2	R13,R71
68	ERS.0124.222R	(RoHS) RES_(0402)-10 2.2 KOHM	3	R23,R81,R93
69	ERS.0124.223R	(RoHS) RES_(0402)-10 22 KOHM	2	R19,R95
70	ERS.0124.331R	(RoHS) RES_(0402)-10 330 OHM	2	R38,R102
71	ERS.0124.332R	(RoHS) RES_(0402)-10 3.3 KOHM	2	R10,R21
72	ERS.0124.333R	(RoHS) RES_(0402)-10 33 KOHM	4	R15,R47,R59,R43
73	ERS.0124.334R	(RoHS) RES_(0402)-10 330 KOHM	1	R37
74	ERS.0124.390R	(RoHS) RES_(0402)-10 39 OHM	1	R61
75	ERS.0124.392R	(RoHS) RES_(0402)-10 3.9 KOHM	1	R77
76	ERS.0124.470R	(RoHS) RES_(0402)-10 47 OHM	1	R64

77	ERS.0124.471R	(RoHS) RES_(0402)-10 470 OHM	1	R67
78	ERS.0124.472R	(RoHS) RES_(0402)-10 4.7 KOHM	6	R50,R55,R65,R51,R17,R103
79	ERS.0124.473R	(RoHS) RES_(0402)-10 47 KOHM	9	R1,R20,R27,R76,R78,R91,R68,R101,R72
80	ERS.0124.474R	(RoHS) RES_(0402)-10 470 KOHM	2	R5,R12
81	ERS.0124.512R	(RoHS) RES_(0402)-10 5.1 KOHM	2	R14,R74
82	ERS.0124.561R	(RoHS) RES_(0402)-10 560 OHM	1	R30
83	ERS.0124.683R	(RoHS) RES_(0402)-10 68 KOHM	1	R94
84	ERS.0124.684R	(RoHS) RES_(0402)-10 680 KOHM	1	R209
85	ERS.0224.270R	(RoHS) RES_(0603)-10 27 OHM	2	R25,R26
86	ERT.1113.220RB1	(ROHS) THERMAL RES_(0402) 22 OHM ERTJ0EA220J(Panasonic)	1	RT2
87	ERV.3221.473R	(RoHS) RES_VARIABLE(SMT) 47 KOHM JH (EVM2GSX80BQ4)	1	VR1
88	SDD.1109.017RA1	(RoHS) DIODE_SW BA591 YD	4	D3,D101,D1,D2
89	SDD.1207.001RD1	(RoHS) DIODE_SW LL4148/MM4148 MELF(LL-34) ZZ	3	D4,D7,D8
90	SDD.3006.016R	(RoHS) DIODE_SCHOTTKY BARRIER LM5819(DO-213AA)	1	D9
91	SIC.0107.044R	(RoHS) IC_Anaolg two way Radios IC BK4813	1	IC204
92	SIC.0109.011R	(RoHS) IC_VOL ME6211C28M5G(SOT-23-5)	1	IC2
93	SIC.0109.015R	(RoHS) IC_VOL CE6230B28M(SOT-23-5)	1	IC1
94	SIC.0109.135R	(RoHS) IC_VOL HE3808N26M (SOT-23-3)	1	U1
95	SIC.1210.225R	(RoHS) IC_uP MC96F6832	1	IC202
96	SIC.6103.037R	(RoHS) IC_MEM T24C02A(SOP-8)	1	IC205

97	SLD.3025.002RE1	(RoHS) LED CHIP WN-1204YGC-TR2(WNX)SMD	2	LED2,LED3
98	STR.1115.003RA1	(RoHS) TR_PD TA123YU(KRA318)USM	5	Q5,Q10,Q18,Q25,Q1
99	STR.1206.010RE1	(RoHS) GENERAL PURPOSE TRANSISTOR BC807-25(SOT-23)ST (ZZ)	1	Q13
100	STR.2213.004RA1	(RoHS) TR_RF POWER HE3078-B(SOT-89)	1	Q9
101	STR.2213.029RA1	(RoHS) TR_RF POWER HE04U6P-B(SOT-89)	1	Q4
102	STR.2306.003R	(RoHS) 2SC4901 (SOT-23) HFE:120-250	2	Q8,Q7
103	STR.2306.032R	(RoHS) TR_RF PRF957(SOT-323)	1	Q14
104	STR.2306.041R	(RoHS) TR_RF BC847BW(SOT-323)	4	Q3,Q6,Q19,Q22
105	STR.2306.041RD1	(RoHS) TR_RF BC847WT1C(SOT-323) ST (ZZ)	6	Q2,Q11,Q12,Q15,Q16,Q20
106	STR.2306.055R	(RoHS) TR_SW BC857BW(SOT-323)	2	Q21,Q24
107	SIC.9103.018R	(RoHS) IC_power Amplifier D4890 SOP-8	1	IC201
108	EHS.0122.150RA1	(RoHS) CHIP COIL SQUARE 15nH/J(0603) FY	1	L10
109	EHS.0112.150R	(RoHS) CHIP COIL SQUARE 15nH/J(0402) FY	1	C82
110	ECS.1111.020RA1	(RoHS) CAP_C_CHIP 2PF/B/(CH)/(0402)C0402COG2R0B (EYANG)	1	C103
111	ECS.1112.090R	(RoHS) CAP_C_CHIP 9PF/C(CH)(0402) A:COG150L(SAMSUNG)	1	C78
112	ECS.1113.100R	(RoHS) CAP_C_CHIP 10PF/D(CH)(0402) A:COG150L(SAMSUNG)	1	C111
113	ECS.1112.040R	(RoHS) CAP_C_CHIP 4PF/C(CH)(0402) A:COG150L(SAMSUNG)	1	C149
114	EHS.0112.120R	(RoHS) CHIP COIL SQUARE 12nH/J(0402) FY	1	L3
115	ECS.1112.080R	(RoHS) CAP_C_CHIP 8PF/C(CH)(0402) A:COG150L(SAMSUNG)	1	C37
116	ERS.0124.224R	(RoHS) RES_(0402)-10 220 KOHM	1	R7

117	BBM.B081.815RB2	(RoHS) PCB_BM 4-LAYER 80.8X43X1.0MM FOR T461 V1.5A1	1	
118	ERS.0434.7R5R	(RoHS) RES_(1206)-8 7.5 OHM	1	R57
119	ERS.0224.102R	(RoHS) RES_(0603)-10 1 KOHM	1	R75
120	STR.5206.003R	(RoHS) TR_RF MEM2301XG-N(SOT-23)	1	Q26

(RoHS) PCBA_BM FOR T461 V2

NO.	PARTS NUMBER	DESCRIPTION	QUANTITY	POSITION
1	ABM.R0R0.209S	(RoHS) SMT_BM FOR T461 V2	1	
2	ABU.R0R0.169A	(RoHS) PCBA_BM FOR T461	1	
3	BMS.B081.253R	(RoHS) PCB_MS(PTT) 2-LAEYER 20.1X11X0.6MM FOR T461	1	
4	BMS.B081.254R	(RoHS) PCB_MS(ALERT) 2-LAEYER 11X9X0.6MM FOR T461	1	
5	BMS.B081.256R	(RoHS) PCB_MS(FLASH) 2-LAEYER 11X9X0.6MM FOR T461	1	
6	ECC.6300.100RC1	(RoHS) CAP_C_TRIMMER TC03 10PF 6.0X6.0X5.0mm(XDL)	1	C15
7	ECE.2112.101RD1	(RoHS) CAP_E_MINI 100uF/10V(D4XL7)	2	C95,C135
8	EFT.5720.012R	(RoHS) SAW_FILTERS 162MHz 50 OHM	1	F201
9	ERV.4703.103RE1	(RoHS) RV8511NS-FE15G7.0-A103-000-S 10K RV8511NS	1	K1
10	EXR.1270.002R	(RoHS) CRYSTAL AT-309-B20QSA-4.194304MHZ (20PF)D3X9	1	X3
11	EXR.1420.022RG	(RoHS) XTAL_21.700000MHZ(15PF)HC-49S -20°C(-7.0TO-8.5PPM)GREEN	1	X2
12	MRB.0600.674R	(RoHS) CUSHION 10X5X0.5mm(EVA)	1	
13	SLD.4400.357RA1	(RoHS) LCD DNI-5139 2.9V 31.2X24.3X2.0MM TN FOR T480 YBQ	1	LCD
14	MRB.0600.A047R	(RoHS) CUSHION (EVA) 4.0X3.0X0.5MM	1	