

BILL OF MATERIALS

MODEL NUMBER: A600; A600BUN; CL-3373

HANDSET

	SPECIFICATION1	SPECIFICATION2	QTY	REFERENCE
HANDSET MAIN BOARD				
1	CAP. 0402	10pF 50V 5% NPO	11	C31 C32 C35 C36 C43 C53 C65 C66 C67 C91 C94
2	CAP. 0402	100pF 50V 5% NPO	1	C79
3	CAP. 0402	1000pF 50V 10% X7R	1	C62
4	CAP. 0402	0.01uF 50V 10% X7R	1	C75
5	CAP. 0402	0.1uF 16V Y5V	14	C13 C14 C15 C16 C17 C20 C22 C23 C24 C27 C28 C30 C93 C96
6	CAP. 0402	1UF 6.3V Y5V	2	C100 C12
7	CAP. 0402	20pF 50V 5% NPO	2	C44 C45
8	CAP. 0402	22pF 50V 5% NPO	1	C70
9	CAP. 0402	2.7pF 50V 0.25P NPO	6	C102 C115 C116 C63 C76 C97
10	CAP. 0402	33pF 50V 5% NPO	16	C106 C33 C54 C55 C61 C71 C72 C73 C74 C81 C85 C86 C87 C89 C90 C92
11	CAP. 0402	0.033uF 16V 10% X7R	2	C68 C69
12	CAP. 0402	8.2pF 50V 0.5P NPO	9	C103 C104 C105 C64 C82 C83 C84 C95 C98
13	CAP. 0603	10pF 50V 5% NPO	2	C56 C57
14	CAP. 0603	1000pF 50V 10% X7R	1	C47
15	CAP. 0603	0.1uF 50V Y5V	6	C10 C18 C21 C25 C26 C101
16	CAP. 0603	1uF 16V Y5V	9	C1 C2 C3 C4 C42 C5 C52 C6 C7
17	CAP. 0603	0.22uF 16V Y5V	1	C60
18	CAP. 0603	2.2uF 16V Y5V	2	C8 C9
19	CAP. 0603	33pF 50V 5% NPO	5	C109 C50 C51 C78 C88
20	CAP. 0603	8.2pF 50V 0.5P NPO	2	C39 C59
21	CAP. 0603	0.5pF 50V 0.25P NPO	1	C77
22	CAP. 0805	0.1uF 50V Y5V	2	C29 C34
23	CAP. 1206	10uF 10V Y5V	1	C58
24	DIODE	1N4004	1	D16
25	DIODE	PMLL4148L	3	D1 D18 D4
26	ZENER DIODE	5.1V 1/2W	1	Z1
27	IC(ATMEL)	AT45DSP161D-SU(SO1C8)	1	U2
28	IC(DSPG)	DE56200AA4CLC(LQFP100)	1	U3
29	IC	1LT6299-33SB_3V3(SOT-89)	2	U4 U5
30	LED	1SA0603AUS00CAE2(ORANGE)	9	D10 D11 D12 D17 D5 D6 D7 D8 D9
31	LED	1SA1204W31AOCB01(WHITE)	2	D2 D3
32	LED	1SA1204A21AOCAE1(ORANGE)	1	D13
33	TANTALUM CAP	10UF/6.3V ±20% A: 1206	2	C107 C41
34	TANTALUM CAP	10UF/10V ±20% A: 1206	2	C37 C38
35	TANTALUM CAP	10UF/16V ±20% A: 1206	1	C46
36	TANTALUM CAP	22UF/10V ±20% A: 1206	4	C108 C48 C49 C80
37	M_PCB	CL3373HSS1.4	1	
38	RES. (0402)	RS. 0Ω	3	R33 R34 R81
39	RES. (0402)	RS. 1KΩ	6	R1 R5 R6 R64 R65 R66
40	RES. (0402)	RS. 10KΩ	3	R18 R20 R41
41	RES. (0402)	RS. 100KΩ	1	R23
42	RES. (0402)	RS. 10MΩ	1	R40
43	RES. (0402)	RS. 120KΩ	1	R67
44	RES. (0402)	RS. 1.5KΩ	2	R31 R32
45	RES. (0402)	RS. 2.2KΩ	2	R71 R72
46	RES. (0402)	RS. 390Ω	1	R70
47	RES. (0402)	RS. 4.7KΩ	9	R10 R11 R16 R36 R43 R59 R7

				R8	R9							
48	RES. (0402)	RS. 680 Ω	1	R63								
49	RES. (0603)	RS. 0 Ω *1/10W	8	L1	L2	L3	L5	L6	L7	L8		
				R80								
50	RES. (0603)	RS. 10 Ω *1/10W	1	R49								
51	RES. (0603)	RS. 100 Ω *1/10W	1	R42								
52	RES. (0603)	RS. 1K Ω *1/10W	2	R2	R4							
53	RES. (0603)	RS. 10K Ω *1/10W	2	R50	R53							
54	RES. (0603)	RS. 100K Ω *1/10W	1	R22								
55	RES. (0603)	RS. 1M Ω \pm 1% *1/10W	1	R48								
56	RES. (0603)	RS. 1.5K Ω *1/10W	9	R26	R27	R28	R30	R61	R75	R76		
				R77	R78							
57	RES. (0603)	RS. 18 Ω *1/10W	1	R46								
58	RES. (0603)	RS. 2M Ω \pm 1% *1/10W	1	R47								
59	RES. (0603)	RS. 22K Ω *1/10W	1	R51								
60	RES. (0603)	RS. 220K Ω *1/10W	2	R54	R79							
61	RES. (0603)	RS. 3.3K Ω *1/10W	2	R55	R69							
62	RES. (0603)	RS. 47 Ω *1/10W	2	R14	R3							
63	RES. (0603)	RS. 4.7K Ω *1/10W	3	R12	R15	R56						
64	RES. (0603)	RS. 47K Ω *1/10W	1	R13								
65	RES. (0603)	RS. 4.7 Ω *1/10W	1	R35								
66	RES. (0603)	RS. 75 Ω *1/10W	1	R29								
67	RES. (0805)	RS. 0 Ω *1/8W	5	L11	L4	L9	R37	R74				
68	RES. (0805)	RS. 100K Ω *1/8W	1	R21								
69	RES. (0805)	RS. 22 Ω *1/8W	1	R57								
70	RES. (1206)	RS. 4.7 Ω *1/4W	1	R52								
71	RES. (1206)	RS. 56 Ω *1/4W	1	R45								
72	TRANS. (NXP)	BC807-40 5C SOT-23	6	Q1	Q4	Q5	Q6	Q7	Q8			
73	TRANS. (NXP)	BC817-40(SOT23)	2	Q2	Q3							
74	MOTO(L20MM)	0610RN-32-64D-20	1	MOTOR								
75	ELECT CAP	100UF 10V(5*7)	1	C11								
76	ELECT CAP	1000UF 10V(8.3*12.3)	1	C114								
77	ELECT CAP	220UF 10V(6*11.5)	1	C40								
78	IC(NEC)	K24C32-SCRG(2.7V) S08	1	U1								
79	EAR JACK	ST-020SMT-050-100	1	J5								
80	CRYSTAL	5PPM 13.824MHZ UM-5S	1	Y1								
HANDSET RF												
1	CAP.0402	10pF 50V 5% COG	13	C17	C23	C24	C25	C26	C3	C31		
				C43	C47	C50	C55	C56	C67			
2	CAP.0402	100pF 50V 5% COG	1	C9								
3	CAP.0402	0.1UF 10V 10% X7R	4	C19	C42	C45	C7					
4	CAP.0402	1UF 6.3V 10% X5R*Hi Cap	2	C59	C60							
5	CAP.0402	1.5pF 50V 0.25P COG	6	C11	C12	C16	C21	C27	C28			
6	CAP.0402	2.2pF 50V 0.25P COG	6	C14	C15	C4	C5	C61	C62			
7	CAP.0402	2.7pF 50V 0.25P COG	3	C1	C18	C44						
8	CAP.0402	33pF 50V 5% COG	1	C32								
9	CAP.0402	3.3PF 50V 0.25P COG	2	C63	C64							
10	CAP.0402	0.5pF 50V 0.25P COG	2	C22	C65							
11	CAP.0603	2.2uF 10V Y5V	1	C66								
12	CAP.0805	10uF 10V Y5V	1	C57								
13	DIODE(INFINEON)	PIN BAR 64-05W(SOT323)	1	D1								
14	INDUCTOR 0402	LOG15HS2N2S02(2.2nH 0.3)	2	L11	L12							
15	INDUCTOR 0402	LOG15HS2N4S02(2.4nH 0.3)	1	L9								
16	INDUCTOR 0402	LOG15HS3N3S02(3.3nH 0.3)	2	L4	L5							
17	INDUCTOR 0402	LOG15HS3N9S02(3.9nH 0.3)	2	L7	L8							
18	INDUCTOR 0402	LQG15HS5N6S02D(5.6nH)	2	L2	L3							
19	INDUCTOR 0402	LQG15HS6N8J02(6.8nH)5%	1	L6								
20	INDUCTOR 0402	LQG15HS7N5J02(7.5nH)5%	1	L10								
21	IC(DSPG)	DE19RF19CNC(QFN-EP32)	1	U1								
22	IC	AWB478-70(SOT-363)	1	U2								
23	RF_PCB	DSPG-RF19-V1.1	1									

24	RES. (0402)	RS. 220 Ω	1	R5
25	RES. (0402)	RS. 300 Ω	1	R4
26	SHI ELD-COVER	DSPG-one	1	
27	SHI ELD-COVER	DSPG-one T0.2	1	
HANDSET ASSEMBLY				
1	MIC	D22PC68 (-38 \pm 2dB) Φ 6*2.2	1	
2	RECEIVER L=50MM	DR28-032HR_120 Ω H7.7	1	
3	SPEAKER	SJ36S7608-65 L=60MM	1	
4	LCD(2.0")	GDSC-FT-12864M-48	1	
5	K_PCB	CL3373SK_R1.1	1	
6	K_PCB	CL3373SK_L1.1	1	
7	METAL DOME	3373(METAL DOME)	1	
8	ANTENNA (REV. 2.2)	CL-3333 HANDSET	1	
9	BATTERY(LEXEL)	7#(1.2V, 600mA, NI -MH)	3	
HANDSET BL BOARD				
1	LED	1SA0603AUS00CAE2(ORANGE)	2	D13 D14
2	PCB	CL3373BLS1.1	1	
3	RES. (0603)	RS. 18 Ω *1/10W	2	R29 R46
IC BOARD				
1	CHIP (Mask)	ESH060-WA001H	1	
2	COB_PCB	ESH060 V1.0	1	
	POWER SUPPLY	7.5V500mA SL12MPXT-B_1M8	1	

BILL OF MATERIALS

MODEL NUMBER: A600; A600BUN; CL-3373

BASE

	SPECIFICATION1	SPECIFICATION2	QTY	REFERENCE
BASE MAIN BOARD				
1	CAP. 0402	1000pF 50V 10% X7R	2	C15 C91
2	CAP. 0402	0.1uF 16V Y5V	10	C10 C11 C14 C23 C24 C25 C26 C27 C55 C90
3	CAP. 0402	1uF 6.3V Y5V	4	C5 C60 C94 C110
4	CAP. 0402	1.8pF 50V 0.25P NPO	3	C109 C111 C99
5	CAP. 0402	20pF 50V 5% NPO	2	C12 C13
6	CAP. 0402	2200pF 50V 10% X7R	1	C7
7	CAP. 0402	27pF 50V 5% NPO	1	C61
8	CAP. 0402	33pF 50V 5% NPO	5	C71 C83 C86 C96 C97
9	CAP. 0402	8.2pF 50V 0.5P NPO	28	C100 C101 C102 C103 C104 C105 C8 C106 C107 C108 C17 C28 C29 C88 C52 C53 C62 C69 C72 C73 C89 C74 C75 C76 C77 C78 C79 C92
10	CAP. 0603	0.1uF 50V Y5V	13	C21 C22 C31 C32 C33 C36 C48 C51 C67 C68 C84 C9 C112
11	CAP. 0603	150pF 50V 5% NPO	1	C20
12	CAP. 0603	1pF 50V 0.25P NPO	1	C56
13	CAP. 0603	0.022uF 50V Y5V	1	C19
14	CAP. 0603	0.22uF 16V Y5V	1	C46
15	CAP. 0603	33pF 50V 5% NPO	6	C16 C34 C37 C6 C70 C95
16	CAP. 0603	8.2pF 50V 0.5P NPO	2	C35 C87
17	CAP. 1206	10uF 10V Y5V	1	C58
18	CAP. 1206	2.2uF 16V Y5V	1	C18
19	DIODE	1N4004	4	D2 D3 D4 D5
20	DIODE	BAR64-04_S0T-23	1	U7
21	IC	CHA16(SMD)	1	U11
22	IC(ATMEL)	AT45DSP161D-SU(S01C8)	1	U4
23	IC(DSPG)	DE56300CA3DLC(LQFP100)	1	U1
24	TANTALUM CAP	10UF/10V ±20% A: 1206	4	C40 C44 C49 C54
25	M_PCB	CL3373BSS1.3	1	
26	RES. (0402)	RS. 0Ω	6	R100 R36 R37 R95 R97 R98
27	RES. (0402)	RS. 10Ω	2	R5 R6
28	RES. (0402)	RS. 1KΩ	3	R3 R73 R74
29	RES. (0402)	RS. 10KΩ	6	R110 R112 R2 R25 R26 R51
30	RES. (0402)	RS. 10MΩ	1	R81
31	RES. (0402)	RS. 1.5KΩ	2	R8 R9
32	RES. (0402)	RS. 2.2KΩ	2	R69 R70
33	RES. (0402)	RS. 330Ω	7	R86 R87 R88 R89 R90 R91 R92
34	RES. (0402)	RS. 390Ω	2	R71 R72
35	RES. (0402)	RS. 4.7KΩ	7	R46 R47 R48 R60 R61 R82 R83
36	RES. (0603)	RS. 0Ω *1/10W	5	R27 R32 R34 R79 RX5
37	RES. (0603)	RS. 1KΩ *1/10W	1	R20
38	RES. (0603)	RS. 10KΩ *1/10W	2	R30 R54
39	RES. (0603)	RS. 100KΩ *1/10W	1	R31
40	RES. (0603)	RS. 1MΩ *1/10W	1	R22
41	RES. (0603)	RS. 10MΩ *1/10W	1	R21
42	RES. (0603)	RS. 1.3KΩ *1/10W	1	R16
43	RES. (0603)	RS. 15KΩ *1/10W	2	R14 R40
44	RES. (0603)	RS. 2.2KΩ *1/10W	2	R13 R39
45	RES. (0603)	RS. 220KΩ *1/10W	3	R53 R56 R75
46	RES. (0603)	RS. 270Ω *1/10W	4	R10 R28 R42 R43
47	RES. (0603)	RS. 330Ω *1/10W	1	R38
48	RES. (0603)	RS. 3.6KΩ *1/10W	1	R15
49	RES. (0603)	RS. 390KΩ *1/10W	2	R11 R12

50	RES. (0603)	RS. 4.7K Ω *1/10W	1	R29
51	RES. (0603)	RS. 7.5K Ω *1/10W	2	R17 R41
52	RES. (0603)	RS. 75K Ω *1/10W	1	R44
53	RES. (0805)	RS. 0 Ω *1/8W	1	C43
54	RES. (0805)	RS. 10 Ω *1/8W	1	R33
55	RES. (0805)	RS. 10K Ω *1/8W	1	R66
56	RES. (0805)	RS. 150 Ω *1/8W	2	R1 R84
57	RES. (1206)	RS. 1.5K Ω *1/4W	1	R18
58	RES. (1206)	RS. 3.3K Ω *1/4W	1	R23
59	RES. (1206)	RS. 390 Ω *1/4W	1	R19
60	TRANS. (CJ)	MMBTA42 LT1(SOT-23)	1	Q5
61	TRANS. (CJ)	KTC4375(SOT-89)	1	Q4
62	TRANS. (NXP)	BC817-40(SOT23)	5	Q11 Q12 Q13 Q8 Q9
63	MODULE_RF19(BS/HS)	DECT(DSPG_RF19)	1	
64	CAP. 0402	10pF 50V 5% COG	13	C303 C317 C323 C324 C325 C326 C331 C343 C347 C350 C355 C356 C367
65	CAP. 0402	100pF 50V 5% COG	1	C309
66	CAP. 0402	0.1UF 10V 10% X7R	4	C307 C319 C342 C345
67	CAP. 0402	1UF 6.3V 10% X5R*Hi Cap	2	C359 C360
68	CAP. 0402	1.5pF 50V 0.25P COG	6	C311 C312 C316 C321 C327 C328
69	CAP. 0402	2.2pF 50V 0.25P COG	6	C304 C305 C314 C315 C361 C362
70	CAP. 0402	2.7pF 50V 0.25P COG	3	C301 C318 C344
71	CAP. 0402	33pF 50V 5% COG	1	C332
72	CAP. 0402	3.3PF 50V 0.25P COG	2	C363 C364
73	CAP. 0402	0.5pF 50V 0.25P COG	2	C322 C365
74	CAP. 0603	2.2uF 10V Y5V	1	C366
75	CAP. 0805	10uF 10V Y5V	1	C357
76	DIODE(INFINEON)	PIN BAR 64-05W(SOT323)	1	D301
77	INDUCTOR 0402	LOG15HS2N2S02(2.2nH 0.3)	2	L311 L312
78	INDUCTOR 0402	LOG15HS2N4S02(2.4nH 0.3)	1	L309
79	INDUCTOR 0402	LQG15HS3N3S02(3.3nH 0.3)	2	L304 L305
80	INDUCTOR 0402	LQG15HS3N9S02(3.9nH 0.3)	2	L307 L308
81	INDUCTOR 0402	LQG15HS5N6S02D(5.6nH)	2	L302 L303
82	INDUCTOR 0402	LQG15HS6N8J02(6.8nH)5%	1	L306
83	INDUCTOR 0402	LQG15HS7N5J02(7.5nH)5%	1	L310
84	IC(DSPG)	DE19RF19CNC(QFN-EP32)	1	U301
85	IC	AWB478-70(SOT-363)	1	U302
86	RES. (0402)	RS. 220 Ω	1	R305
87	RES. (0402)	RS. 300 Ω	1	R304
88	SHIELD-COVER	DSPG-one	1	
89	VARIATOR	MYG 270V Φ 7MM(UL)	1	U8
90	DISCHARGING TUBE	TPA270(UL)	1	RV2
91	CAP.	C 1000PF 250V 20%	4	C1 C2 C3 C4
92	DIODE	1N4004	1	D6
93	ZENER DIODE	1N4749(24V 1W)	1	Z1
94	ELECT CAP	100UF 10V(5*11.5)	1	C57
95	ELECT CAP	33uF 25V(6.3*7)	1	C30
96	ELECT CAP	4.7UF 50V(4*7)	1	C41
97	ELECT CAP	470UF 10V(8*11.5)	1	C38
98	FLAT WIRE(UL: E214500)	2PIN 120MM P2.54MM	1	COM2
99	FLAT WIRE(UL: E214500)	3PIN 120MM P2.54MM	1	COM5
100	INDUCTOR	KM-DRO608-472K	2	L7 L8
101	TRANS.	A94	2	Q1 Q2
102	CRYSTAL	13.824MHZ(HC-49/S, 10PPM)	1	Y1
103	ELECT CAP	220UF 10V(6*11.5)	1	C42
104	IC(NEC)	K24C32-SCRG(2.7V) S08	1	U9
105	SHIELD-COVER	DSPG-one T0.2	1	
BASE JS BOARD				
1	FUSE(UL_E156471)	32S 500mA/250V	1	F1
2	ELECT CAP	100UF 25V(6.3*7)	1	C84
3	INDUCTOR	100uH(O4) \pm 20%	2	L10 L9

4	DC	DS-210	1	P1
5	TELEPHONE JACK(UL)	95001-6P4C(BLACK)	1	P2
6	PCB(UL)	CL3373JS2.0	1	
7	1/2W RES.	RES. 27 Ω 1/2W	1	R64
8	1/4W RES.	RES. 1K Ω 1/4W	1	R65
BASE ASSEMBLY				
1	LED	2USR3071ALRED	1	
2	MIC L=45MM	EM6022L-44BC10&33-G(UL)	1	
3	SPEAKER	Φ 50mm, 8 Ω , 2W, H10mm	1	
4	FLAT WIRE	3373: 9PIN 33MM P2.0MM	2	
5	PCB	CL3373KS2.1 A	1	
6	LEAD WIRE	150MM BLACK	1	
7	LEAD WIRE	110MM BLACK	1	
8	LEAD WIRE	110MM RED	1	
9	LEAD WIRE	140MM BLACK	1	
10	LEAD WIRE	140MM RED	1	
11	ANTENNA	CL-3373 BASE	1	
12	ANTENNA	CL-3373 BASE A	1	

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CHARGER

	SPECIFICATION1	SPECIFICATION2	QTY	REFERENCE
1	CAP. 0603	0.1uF 50V Y5V	1	C1
2	PCB	CL3373CH1.0 (UL)	1	
3	RES. (0603)	RS. 1K Ω *1/10W	1	R2
4	RES. (0603)	RS. 10K Ω *1/10W	2	R5 R6
5	RES. (1206)	RS. 56 Ω *1/4W	2	R1 R3
6	TRANS. (NXP)	BC817-40(SOT23)	1	Q1
7	DC JACK	DS-210	1	P1
8	LED	Φ 3MM (RED)	1	LED1
9	LEAD WIRE (UL: E235760)	28# (L=60MM BLACK)	1	
10	LEAD WIRE (UL: E235760)	28# (L=60MM RED)	1	
11	WASHER	Φ 3.2 \times 10 T=0.5MM	9	
12	METAL FOR CHARGE	CL-3353 METAL FOR CHARGE	2	