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TEST REPORT

Applicant: Global Connect Electronics Ltd
Unit 1508, 15/F, Telford House,
16 Wang Hoi Road, Kowloon Bay,
Kowloon, Hong Kong.

Number: 17050840HKG-001

Date: 23 May 2017

Sample Description : Corded Phone

Brand name(s) : Refer report P.2

Model(s) : Refer report P.2

Electrical rating : Base Unit: Powered by PSTN

Submitted Samples : Two (2)

Date Received : 03 Mar 2017

Date Test Conducted : 03 Mar 2017 to 16 Mar 2017

Test Requested : Test for compliance with EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013

Test Method : EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013

Test Result : See the attached sheets.

Conclusion : The submitted samples Complied with the above safety standards. But the note should be noted.

***** End of Page *****

Prepared and Checked by:

Ho Ling, Wilson
Assistant Supervisor

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Brand name(s) /
Model(s)

: GCE/ GCE2100, GCE2101, GCE2122, GCE2155, GCE2177, GCE2188,
 GCE2311, GCE2322, GCE2355, GCE2366, GCE2388, GCE2399,
 GCE2511, GCE2522, GCE2700, GCE2701, GCE2900, GCE2901,
 GCE2911, GCE2922, GCE2933, GCE2951, GCE2955, GCE2966,
 GCE2977, GCE2988, GCE3011, GCE3033, GCE3100, GCE4001,
 GCE5004, GCE5004T, GCE5206, GCE5218, GCE5220, GCE5912,
 GCE5916, GCE5928, GCE5933, GCE6008, GCE6009, GCE6010,
 GCE6011, GCE6012, GCE6012T, GCE6013, GCE6019, GCE6019TAD,
 GCE6020, GCE6020TAD, GCE6026, GCE6028, GCE6029, GCE6030,
 GCE6030T, GCE6031, GCE6031T, GCE6033, GCE6052, GCE6081,
 GCE6083, GCE6085, GCE6087, GCE6088, GCE6088T, GCE6095,
 GCE6096, GCE6097, GCE6099, GCE6101, GCE6103, GCE6105,
 GCE6108, GCE6109, GCE6110, GCE6112, GCE6113, GCE6115,
 GCE6116, GCE6117, GCE6118, GCE6119, GCE6120, GCE6122,
 GCE6123, GCE6126, GCE6127, GCE6128, GCE6129, GCE6130,
 GCE6131, GCE6131W, GCE6132, GCE6133, GCE6134, GCE6135,
 GCE6136, GCE6136SOS, GCE6137, GCE6138, GCE6139, GCE6201,
 GCE6202, GCE6203, GCE6205, GCE6206, GCE6206C, GCE6207,
 GCE6208, GCE6210, GCE6211, GCE6211T, GCE6212, GCE6213,
 GCE6215 GCE6216, GCE6217, GCE6218, GCE6219, GCE6220, GCE6223,
 GCE6225, GCE6226, GCE6227, GCE6228, GCE6229, GCE6231, GCE6232,
 GCE6233, GCE6235, GCE6236, GCE6237, GCE6238, GCE6239,
 GCE6251, GCE6252, GCE6253, GCE6255, GCE6256, GCE6257,
 GCE6258, GCE6259, GCE6260, GCE6261, GCE6262, GCE6266, GCE6267,
 GCE6268, GCE6269, GCE6270, GCE6263, GCE6265, GCE6031W,
 GCE6097W, GCE6131Q, GCE6219B, GCE6019W, GCE6212W,
 GCE6257TAD, GCE6271, GCE6272, GCE6273, GCE6275, GCE6276,
 GCE6277, GCE6278, GCE6279, GCE6280, GCE1101, GCE3055,
 GCE3066, GCE4002, GCE5913, GCE5928P, GCE5931, GCE5931FM,
 GCE5931P, GCE6019SD, GCE6020W, GCE6028W, GCE6087P,
 GCE6087W, GCE6092, GCE6122W, GCE6122TAD, GCE6219W,
 GCE6265TAD, GCE6265SOS, GCE6268TAD, GCE6268SOS,
 GCE6207TAD, GCE6083TAD, GCE6136TAD, GCE6223TAD, GCE3077,
 GCE3088, GCE3122, GCE3133, GCE3155, GCE3166, GCE3177,
 GCE3188, GCE3199, GCE3200

SAIET / SIRIO CLASSICO

Ttec / TK-6105, TK-6085, TK-6101, TK-6116, TK-3800, TK-4800, TK-2800,
TK-2900, TK-2355, TK-2366, TK-2700, TK-6103, TK-6109, TK-6117

SPCtelecom / 3804N, 3606N, 3609N, 3609R, 3604N, 3608B, 3607N,
3294B, 3293B, 3287, 3606O, 3606T, 3606R, TLC4, 3288N, 3803, 3803R,
3610N, 3610B, 3611N

Euskaltel / A24Class

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Note:

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- 1. When determining the test conclusion, the Measurement Uncertainty of test has been considered.
- 2. TABLE: List of critical component

Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity ¹⁾
PCB Material (Tip-ring connected)	KINGBOARD LAMINATES HOLDINGS LTD	KB3150N	V-0 flammability rating and 130°C maximum operation temperature	IEC 60695-1 R/C QMTS2	UL file no.: E123995
PCB Material (Other)	Various	Various	HB75 or above flammability rating	IEC 60695-1 R/C QMTS2	UL
Plastic enclosure	NINGBO LG YONGXING CHEMICAL CO LTD	HI-121H	ABS, HB75 flammability rating and 60°C maximum operation temperature	IEC 60695-1 R/C QMFZ2	UL file no.: E203955

3. According to the standard, instructions and equipment marking related to safety required by the standard should be written in the official language(s) of the country in which the equipment is to be sold. The applicant should ensure that the sample in future production fulfil with the requirements.

- Installation Manual

- 4. Telecommunication plug used in the equipment must be complied with local plug and jack connection requirement.
- 5. The equipment was performed satisfactorily under the TNV-3 level of telecommunication network voltage.
- 6. The equipment are considered to be suitable for use in the following country of their relevant special national conditions.

- Europe

7. EN 60950:2006-1/AC:2011 have been evaluated in the captioned report.

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8. All Models are identical in Electrical designs, including software & firmware, PCB layout, construction design, physical design and enclosure, except they have different brand names and model numbers for marketing purpose.

Model Number 型号	Trade Name 商标
GCE2100	GCE
GCE2101	GCE
GCE2122	GCE
GCE2155	GCE
GCE2177	GCE
GCE2188	GCE
GCE2311	GCE
GCE2322	GCE
GCE2355	GCE
GCE2366	GCE
GCE2388	GCE
GCE2399	GCE
GCE2511	GCE
GCE2522	GCE
GCE2700	GCE
GCE2701	GCE
GCE2900	GCE
GCE2901	GCE
GCE2911	GCE
GCE2922	GCE
GCE2933	GCE
GCE2951	GCE
GCE3077	GCE
GCE3088	GCE
GCE3122	GCE
GCE3133	GCE
GCE3155	GCE
GCE3166	GCE
GCE3177	GCE
GCE3188	GCE
GCE3199	GCE
GCE3200	GCE



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GCE2955	GCE
GCE2966	GCE
GCE2977	GCE
GCE2988	GCE
GCE3011	GCE
GCE3033	GCE
GCE3100	GCE
GCE4001	GCE
GCE5004	GCE
GCE5004T	GCE
GCE5206	GCE
GCE5218	GCE
GCE5220	GCE
GCE5912	GCE
GCE5916	GCE
GCE5928	GCE
GCE5933	GCE
GCE6008	GCE
GCE6009	GCE
GCE6010	GCE
GCE6011	GCE
GCE6012	GCE
GCE6012T	GCE
GCE6013	GCE
GCE6019	GCE
GCE6019TAD	GCE
GCE6020	GCE
GCE6020TAD	GCE
GCE6026	GCE
GCE6028	GCE
GCE6029	GCE
GCE6030	GCE
GCE6030T	GCE
GCE6031	GCE
GCE6031T	GCE
GCE6033	GCE
GCE6052	GCE
GCE6081	GCE
GCE6083	GCE
GCE6085	GCE
GCE6087	GCE
GCE6088	GCE
GCE6088T	GCE
GCE6095	GCE
GCE6096	GCE
GCE6097	GCE
GCE6099	GCE
GCE6101	GCE
GCE6103	GCE
GCE6105	GCE
GCE6108	GCE
GCE6109	GCE

GCE6110	GCE
GCE6112	GCE
GCE6113	GCE
GCE6115	GCE
GCE6116	GCE
GCE6117	GCE
GCE6118	GCE
GCE6119	GCE
GCE6120	GCE
GCE6122	GCE
GCE6123	GCE
GCE6126	GCE
GCE6127	GCE
GCE6128	GCE
GCE6129	GCE
GCE6130	GCE
GCE6131	GCE
GCE6131W	GCE
GCE6132	GCE
GCE6133	GCE
GCE6134	GCE
GCE6135	GCE
GCE6136	GCE
GCE6136SOS	GCE
GCE6137	GCE
GCE6138	GCE
GCE6139	GCE
GCE6201	GCE
GCE6202	GCE
GCE6203	GCE
GCE6205	GCE
GCE6206	GCE
GCE6206C	GCE
GCE6207	GCE
GCE6208	GCE
GCE6210	GCE
GCE6211	GCE
GCE6211T	GCE
GCE6212	GCE
GCE6213	GCE
GCE6215	GCE
GCE6216	GCE
GCE6217	GCE
GCE6218	GCE
GCE6219	GCE
GCE6220	GCE
GCE6223	GCE
GCE6225	GCE
GCE6226	GCE
GCE6227	GCE
GCE6228	GCE
GCE6229	GCE



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GCE6231	GCE
GCE6232	GCE
GCE6233	GCE
GCE6235	GCE
GCE6236	GCE
GCE6237	GCE
GCE6238	GCE
GCE6239	GCE
GCE6251	GCE
GCE6252	GCE
GCE6253	GCE
GCE6255	GCE
GCE6256	GCE
GCE6257	GCE
GCE6258	GCE
GCE6259	GCE
GCE6260	GCE
GCE6261	GCE
GCE6262	GCE
GCE6266	GCE
GCE6267	GCE
GCE6268	GCE
GCE6269	GCE
GCE6270	GCE
GCE6263	GCE
GCE6265	GCE
GCE6031W	GCE
GCE6097W	GCE
GCE6131Q	GCE
GCE6219B	GCE
GCE6019W	GCE
GCE6212W	GCE
GCE6257TAD	GCE
GCE6271	GCE
GCE6272	GCE
GCE6273	GCE
GCE6275	GCE
GCE6276	GCE
GCE6277	GCE
GCE6278	GCE
GCE6279	GCE
GCE6280	GCE
SIRIO CLASSICO	SAIET
TK-6105	Ttec
TK-6085	Ttec
TK-6101	Ttec
TK-6116	Ttec
TK-3800	Ttec
TK-4800	Ttec
TK-2800	Ttec
TK-2900	Ttec
TK-2355	Ttec

TK-2366	Ttec
TK-2700	Ttec
TK-6103	Ttec
TK-6109	Ttec
TK-6117	Ttec
3804N	SPCtelecom
3606N	SPCtelecom
3609N	SPCtelecom
3609R	SPCtelecom
3604N	SPCtelecom
3608B	SPCtelecom
3607N	SPCtelecom
3294B	SPCtelecom
3293B	SPCtelecom
3287	SPCtelecom
3606O	SPCtelecom
3606T	SPCtelecom
3606R	SPCtelecom
TLC4	SPCtelecom
3288N	SPCtelecom
3803	SPCtelecom
3803R	SPCtelecom
3610N	SPCtelecom
3610B	SPCtelecom
3611N	SPCtelecom
A24Class	Euskaltel
GCE1101	GCE
GCE3055	GCE
GCE3066	GCE
GCE4002	GCE
GCE5913	GCE
GCE5928P	GCE
GCE5931	GCE
GCE5931FM	GCE
GCE5931P	GCE
GCE6019SD	GCE
GCE6020W	GCE
GCE6028W	GCE
GCE6087P	GCE
GCE6087W	GCE
GCE6092	GCE
GCE6122W	GCE
GCE6122TAD	GCE
GCE6219W	GCE
GCE6265TAD	GCE
GCE6265SOS	GCE
GCE6268TAD	GCE
GCE6268SOS	GCE
GCE6207TAD	GCE
GCE6083TAD	GCE
GCE6136TAD	GCE
GCE6223TAD	GCE



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Note: (Cont'd)

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- 9. The technical data in this report is based on LVD report no. 17030123HKG-001 issued on 24 Mar, 2017 due to identical Electrical designs, including software & firmware, PCB layout and Construction design / Physical design / Enclosure without any technical change except the change of model no. and brand name for marketing purpose.

According to above changes, technical consideration has been reviewed without additional retest. The relevant tests of clause were considered and complied.

Clause 1.7.11	Durability
Clause 2.9.2	Humidity Conditioning
Clause 2.10.3 & 2.10.4	Clearance and Creepage Distance Measurement
Clause 4.2.4	Steady force test, 250N
Clause 4.2.5	Impact test
Clause 4.2.6	Drop test
Clause 4.2.7	Stress Relief test
Clause 4.5.1 - 4.5.4	Thermal requirements
Clause 6.2.2	Steady-state test

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Test Results:

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EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013

<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
1	General	
1.1	Scope	--
1.2	Definitions	--
1.3	General requirements	--
Zx	Protection against excessive sound pressure from personal music players	Not applicable
1.4	General conditions for tests	--
1.5	Components	Complied See note 2
1.6	Power interface	Not applicable
1.7	Marking and instructions	Complied See note 3
2	Protection from hazards	
2.1	Protection from electric shock and energy hazards	Complied
2.2	SELV circuits	Not applicable
2.3	TNV circuits	Complied
2.4	Limited current circuits	Not applicable
2.5	Limited power sources	Not applicable
2.6	Provisions for earthing and bonding	Not applicable
2.7	Overcurrent and earth fault protection in primary circuits	Not applicable
2.8	Safety interlocks	Not applicable
2.9	Electrical insulation	Complied
2.10	Clearances, creepage distances and distances through insulation	Complied

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
3	Wiring, connections and supply	
3.1	General	Complied
3.2	Connection to a mains supply	Not applicable
3.3	Wiring terminals for connection of external conductors	Not applicable
3.4	Disconnection from the mains supply	Not applicable
3.5	Interconnection of equipment	Not applicable
4	Physical requirements	
4.1	Stability	Not applicable
4.2	Mechanical strength	Complied
4.3	Design and construction	Complied
4.4	Protection against hazardous moving parts	Not applicable
4.5	Thermal requirements	Complied
4.6	Openings in enclosures	Complied
4.7	Resistance to fire	Complied
5	Electrical requirements and simulated abnormal conditions	
5.1	Touch current and protective conductor current	Not applicable
5.2	Electric strength	Not applicable
5.3	Abnormal operating and fault conditions	Complied

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
6	Connection to telecommunication networks	
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	Complied
6.2	Protection of equipment users from overvoltages on telecommunication networks	Complied
6.3	Protection of the telecommunication wiring system from overheating	Not applicable
7	Connection to cable distribution systems	
7.1	General	Not applicable
7.2	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltage in the equipment	Not applicable
7.3	Protection of equipment users from overvoltages on the cable distribution system	Not applicable
7.4	Insulation between primary circuits and cable distribution systems	Not applicable
Annex A	Tests for resistance to heat and fire	Not applicable
Annex B	Motor tests under abnormal conditions	Not applicable
Annex C	Transformers	Not applicable
Annex D	Measuring instruments for touch-current tests	Not applicable
Annex E	Temperature rise of a winding	Not applicable
Annex F	Measurement of clearances and creepage distances	Not applicable
Annex G	Alternative method for determining minimum clearances	Not applicable
Annex H	Ionizing radiation	Not applicable
Annex J	Table of electrochemical potentials	Not applicable
Annex K	Thermal controls	Not applicable

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
Annex L	Normal load conditions for some types of electrical business equipment	Complied
Annex M	Criteria for telephone ringing signals	Not applicable
Annex N	Impulse test generators	Not applicable
Annex P	Normative references	Not applicable
Annex Q	Voltage dependent resistors (VDRs)	Not applicable
Annex R	Examples of requirements for quality control programmes	Not applicable
Annex S	Procedure for impulse testing	Not applicable
Annex T	Guidance on protection against ingress of water	Not applicable
Annex U	Insulated winding wires for use without interleaved insulation	Not applicable
Annex V	AC power distribution systems	Not applicable
Annex W	Summation of touch currents	Not applicable
Annex X	Maximum heating effect in transformer tests	Not applicable
Annex Y	Ultraviolet light conditioning test	Not applicable
Annex Z	Overvoltage categories	Not applicable
Annex AA	Mandrel test	Not applicable
Annex BB	Changes in the second edition	--
Annex CC	Evaluation of Integrated circuit (IC) current limiters	Not applicable
Annex DD	Requirements for the mounting means of rack-mounted equipment	Not applicable
Annex EE	Household and home/office document/media shredders	Not applicable

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<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
Annex ZA	Normative references to international publications with their corresponding European publications	Not applicable
Annex ZB	Special national conditions	Not applicable
Annex ZC	A-Deviations	Not applicable
Annex Zx	Significance of $L_{Aeq,T}$ in EN50332-1 and additional information	Not applicable

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APPENDIX:

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The following information was printed on the label adhered on the sample.



Nameplate Artwork

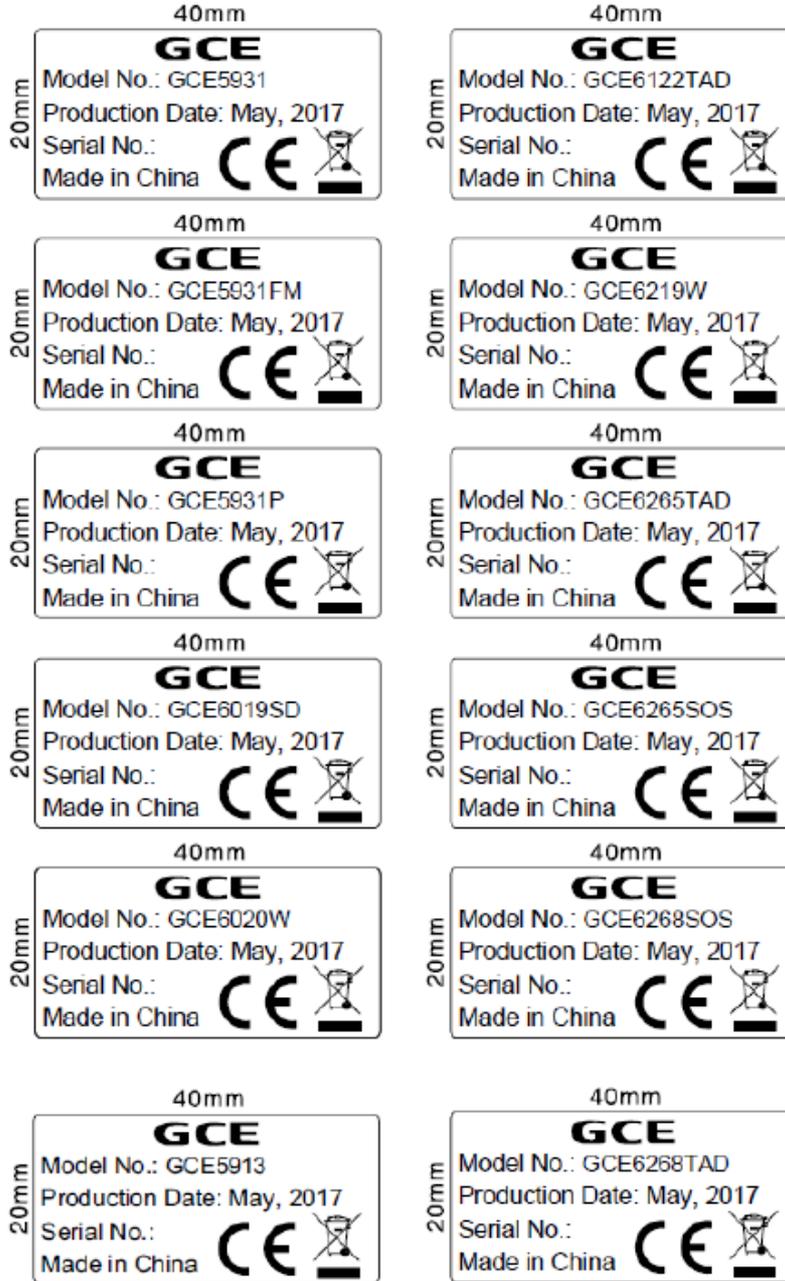
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APPENDIX: (Cont'd)

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The following information was printed on the label adhered on the sample.



Nameplate Artwork

Remark: ALL Models follows the label artwork format of the above except the change of model no. and brand name.

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APPENDIX:

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Photo (Top View):



Photo (Bottom view):



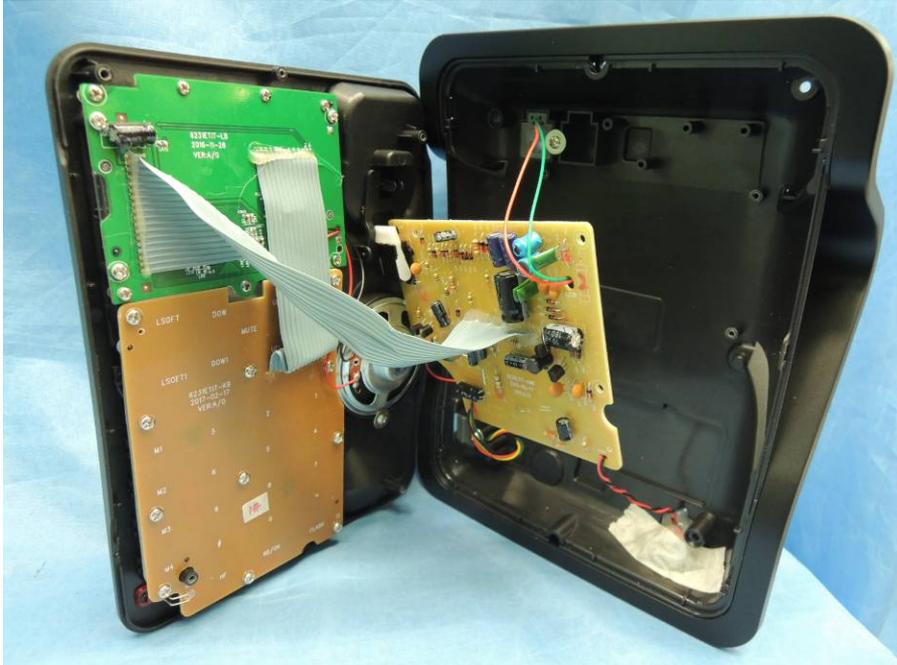
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APPENDIX: (Cont'd)

Number: 17050840HKG-001

Photo (Internal view of base unit):



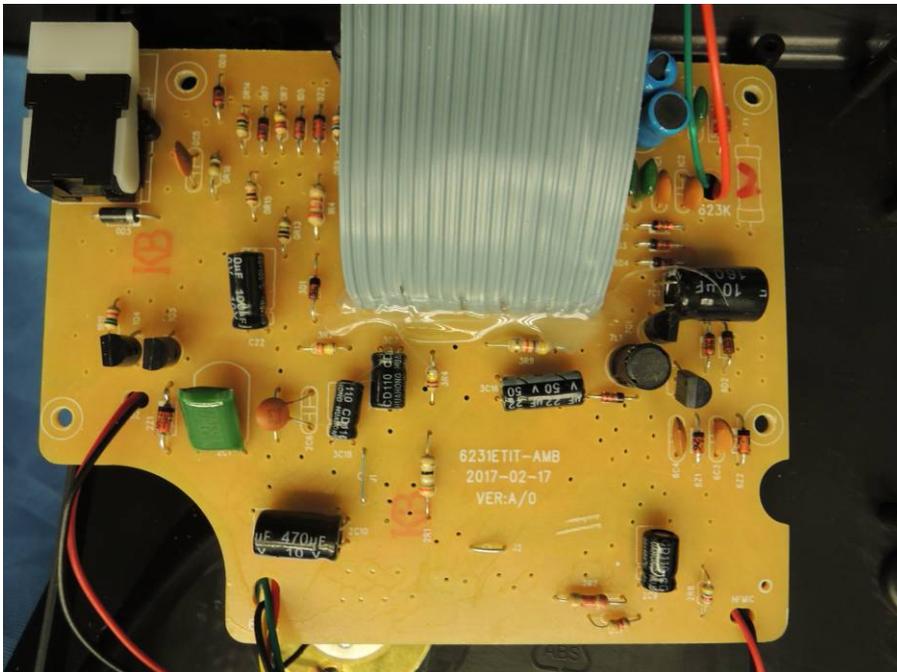
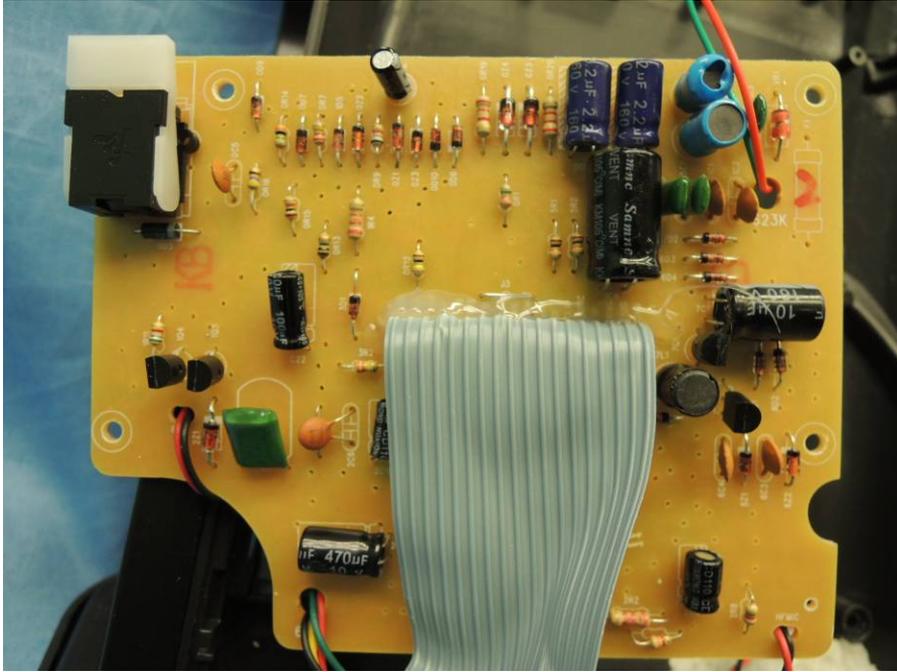
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Photo (Component side of base main PCB):



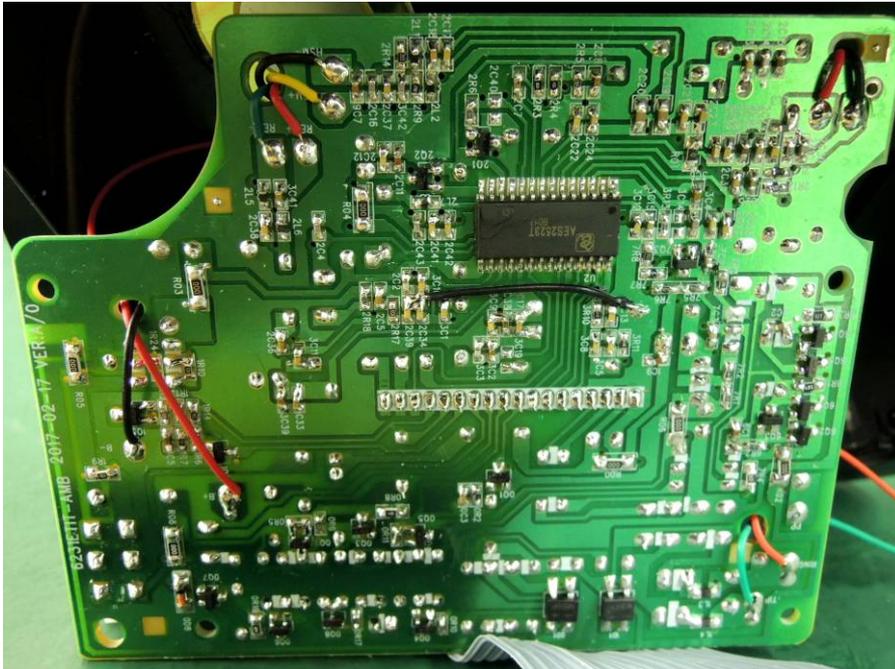
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APPENDIX: (Cont'd)

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Photo (Soldered side of base main PCB):



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