



Consolidated Test Report

SAMPLE INFORMATION:

Sample Description : **Sonoff Wifi Switch**
Trademark : **SONOFF™**
Model Number : **Sonoff TH16**
Manufacturer : **ITEAD Intelligent Systems Co., Ltd**
Manufacturer Address : **5F, Building A, Yuxing Multiple-use Building, Bantian Town, Longgang Dist, Shenzhen, GD, China**

CLIENT INFORMATION:

Applicant : **ITEAD Intelligent Systems Co., Ltd**
Applicant Address : **5F, Building A, Yuxing Multiple-use Building, Bantian Town, Longgang Dist, Shenzhen, GD, China**
Test Standard : **IEC62321-1: 2013**
Comment : **The data shown in this consolidated test report did not exceed the limits of RoHS Directive 2011/65/EU, and its amendment directives.**
Issue Date : **Sep. 12, 2016**

REMARKS:

1. The test data obtained and the report issued by laboratories other than BCTC are provided by the applicant to us for data consolidation purposes. The report shall not be reproduced in part without written approval of us.
2. Characterization & Condition of sample: Normal.



Approved by: _____

Date: Sep. 12, 2016



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No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
1	WHITE PLASTIC	CTI	SCL01I000107002 2016-01-07	Cd: N.D. Pb: 11 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
2	GREY PLASTIC	SGS	SHAEC1407665104 2014-05-07	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES: N.D.
3	BLACK PLASTIC	SGS	CANEC1515647202 2015-09-15	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
4	TRANSLUCENT PLASTIC	CTI	SCL01H037144001 2015-05-20	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
5	PCB	SGS	CANEC1514756901 2015-08-27	Cd: N.D. Pb: 9 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.



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No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
6	TIN	SGS	CANEC1503019302 2015-03-13	Cd: N.D. Pb: 40 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
7	IC	SGS	CE/2015/30527 2015-03-17	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
8	SMD CAPACITOR	SGS	KA/2015/10636 2015-01-21	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
9	SMD RESISTOR	SGS	CANEC1507179901 2015-05-18	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
10	SMD DIODE	SGS	SHAEC1504416101 2015-03-30	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.



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11	SMD TRANSISTOR	SGS	SHAEC1423094503 2014-12-11	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
12	SMD GLASS DIODES	SGS	CANEC1417305523 2014-10-29	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
13	FUSE	SGS	CANEC1313302303 2013-08-28	Cd: N.D. Pb: 43 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
14	METAL FILM FIXED RESISTORS	SGS	CANEC1504132203 2015-04-02	Cd: N.D. Pb: 7 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
15	COLOR RING INDUCTANCE	CTI	SCL01H06059303 2015-07-21	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.



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16	Y CAPACITOR	SGS	CANEC1504871601 2015-04-10	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
17	X CAPACITOR	SGS	CANEC1400560302 2014-01-21	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
18	ALUMINUM ELECTROLYTIC CAPACITORS	SGS	CANEC1416526201 2014-10-16	Cd: N.D. Pb: 8 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
19	TRANSFORMER-BOBBIN	SGS	CE/2013/43276 2013-04-22	Cd: N.D. Pb: 10 Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D.
20	TRANSFORMER- FERRITE CORES	SGS	CANEC1504857601 2015-04-09	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES: N.D.



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No.	Component	Test Lab	Report No.& Issue Date	Test Data(ppm)
21	TRANSFORMER-YELLOW TAPE	SGS	SHAEC1222920004 2013-01-05	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ :N.D. PBBS: N.D. PBDES: N.D
22	SCREW	SGS	CANEC1503475403 2015-03-19	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D.
23	OPTOCOUPLER	SGS	SHAEC1313336301 2013-07-12	Cd: N.D. Pb: N.D. Hg: N.D. Cr ⁶⁺ : N.D. PBBS: N.D. PBDES: N.D



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NOTE:

- (1) Pb Limit=1000mg/kg, Cd Limit=100mg/kg, Hg Limit=1000mg/kg;
Cr⁶⁺ Limit=1000mg/kg ; PBBs Limit=1000mg/kg, PBDEs Limit=1000mg/kg
- (2) N.D. = not detected (<MDL)
- (3) MDL=Method Detection Limit
- (4) ppm = mg/kg
- (5) Conclusion:

The results shown on the report do not exceed the limit of the council of 8 June 2011 on the restriction of the use of certain hazards substances in electrical and electronic equipment under directive 2011/65/EU of the European parliament.

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PHOTOGRAPHS OF SAMPLE AS RECEIVED



Fig. 1



Fig. 2

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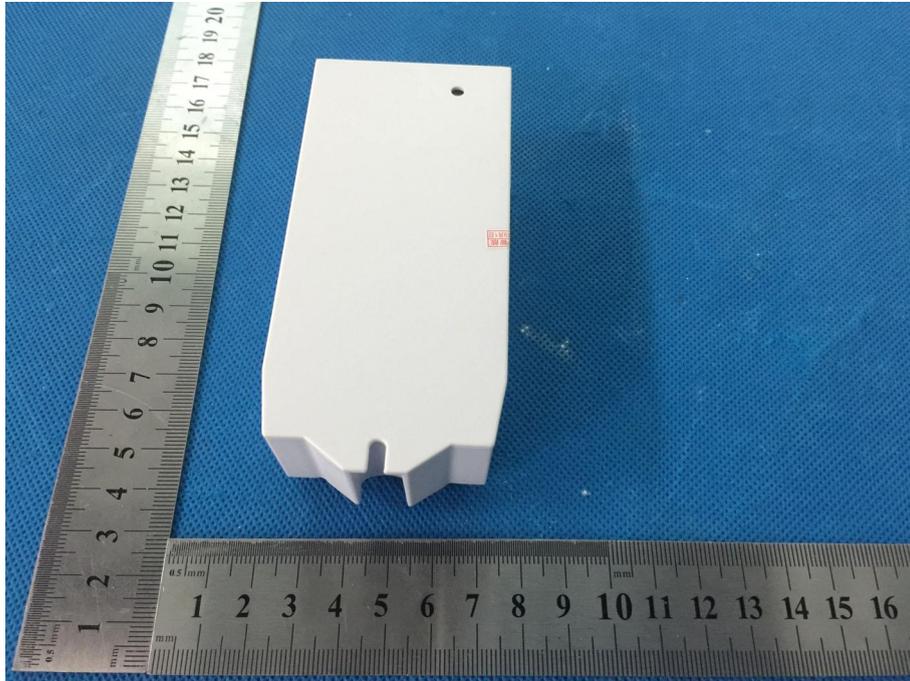


Fig. 3

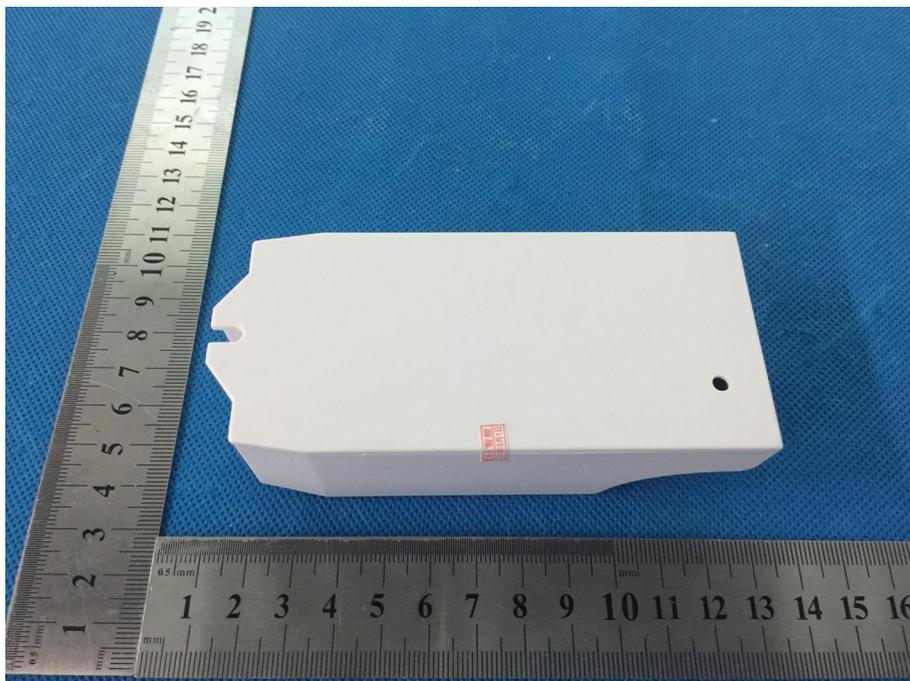


Fig. 4

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Fig. 5

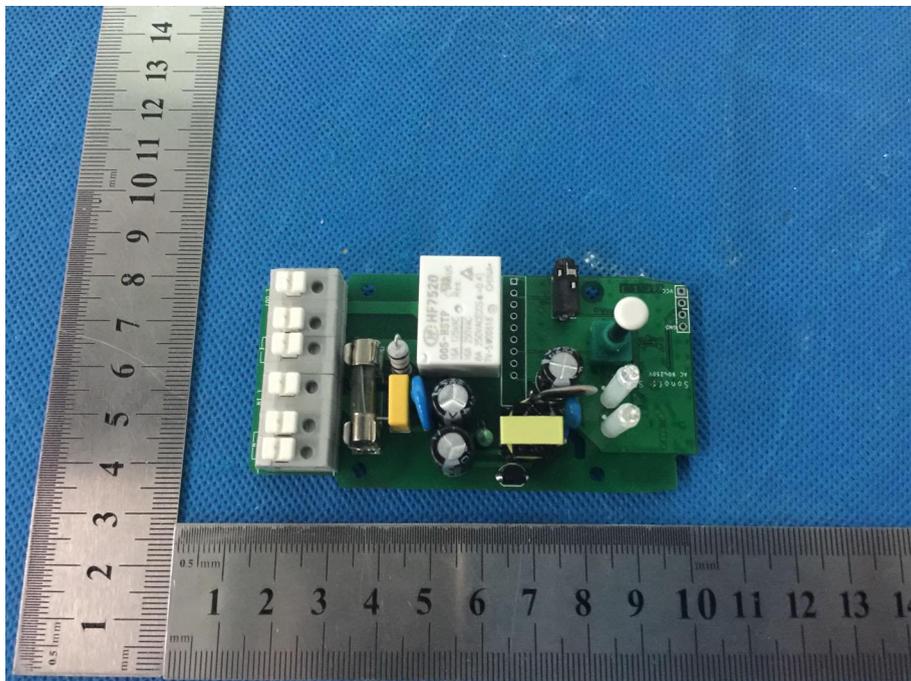


Fig. 6

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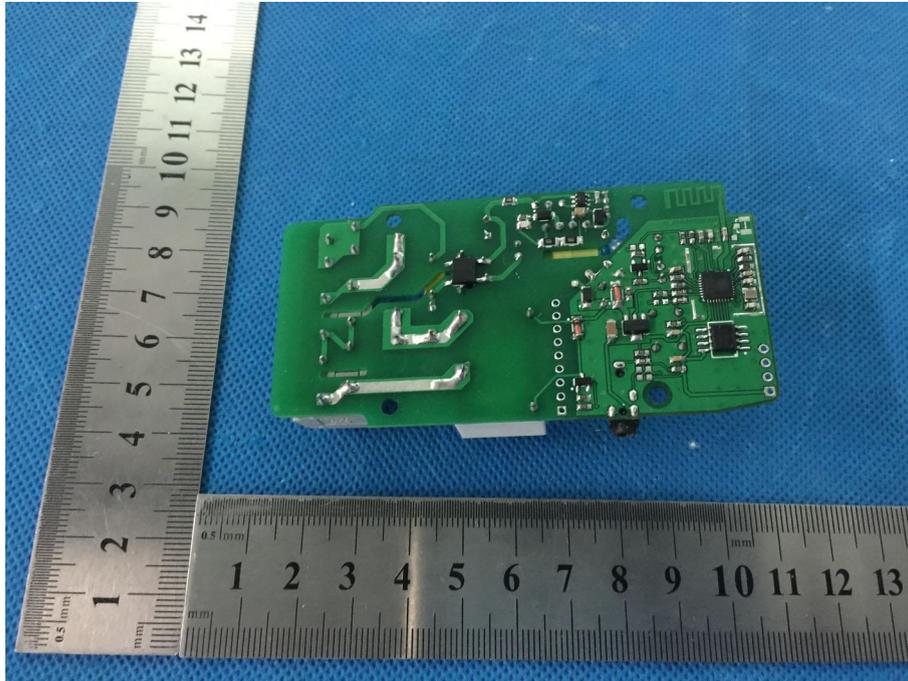


Fig. 7

***** END OF REPORT *****