



Cypress Semiconductor Corporation
198 Champion Court,
San Jose, CA 95134

June 24, 2015

Dear Cypress Customer,

This is to inform you that the attached SGS report (Test Report No. PHL15-01115-02) is applicable to the package listed below.

Package	Assembly Site
SOIC 8	Cypress Manufacturing Limited

Sincerely,

Heiziel L. Ramos
Quality Customer Support
Regional Quality Assurance
Cypress Semiconductor Corporation
Tel No. 632-8128161 local xxxx

Test Report

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Date: 17 Mar 2015

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CYPRESS MANUFACTURING LTD.

GATEWAY BUSINESS PARKSEPZ, BRGY. JAVALERA GEN. TRIAS, CAVITE

The following sample(s) was/were submitted and identified on behalf of the clients as :

SOIC 16

MOLD COMPOUND: KYOCERA KE-G3000DA

ADHESIVE: HENKEL QM1509

LEADFINISH: NiPdAu-Ag

BONDING WIRE: Au

ASSEMBLY LOCATION: CML

SGS Sample Number: PHL15-01115.002

Received Date: 02 Mar 2015

Testing Period : 02 Mar 2015 - 16 Mar 2015

Test Performed : SGS Philippines subcontracted the testing of sample(s) selected by applicant with following results.

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

This report will be kept for six months from the date of issue.

Signed for and on behalf of
SGS PHILIPPINES, INC.

Meden L. Peneyra

Laboratory Operations Manager

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	PHL15-01115.002	mixed all parts

ROHS DIRECTIVE 2011/65/EU

Test Method : With reference to IEC 62321-5: 2013. Determination of Cadmium and Lead by ICP-AES.
 With reference to IEC 62321-4: 2013. Determination of Mercury by ICP-AES.
 With reference to IEC 62321:2008 for Hexavalent Chromium. Analysis was performed by UV-vis Spectrophotometer.
 With reference to IEC 62321:2008. Determination of PBBs and PBDEs by GC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Cadmium (Cd)	mg/kg	2	ND
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Hexavalent Chromium (CrVI)	mg/kg	2	ND
Sum of PBBs	mg/kg	5	ND
Monobromobiphenyl	mg/kg	5	ND
Dibromobiphenyl	mg/kg	5	ND
Tribromobiphenyl	mg/kg	5	ND
Tetrabromobiphenyl	mg/kg	5	ND
Pentabromobiphenyl	mg/kg	5	ND
Hexabromobiphenyl	mg/kg	5	ND
Heptabromobiphenyl	mg/kg	5	ND
Octabromobiphenyl	mg/kg	5	ND
Nonabromobiphenyl	mg/kg	5	ND
Decabromobiphenyl	mg/kg	5	ND
Sum of PBDEs	mg/kg	5	ND
Monobromodiphenyl ether	mg/kg	5	ND
Dibromodiphenyl ether	mg/kg	5	ND
Tribromodiphenyl ether	mg/kg	5	ND
Tetrabromodiphenyl ether	mg/kg	5	ND
Pentabromodiphenyl ether	mg/kg	5	ND
Hexabromodiphenyl ether	mg/kg	5	ND
Heptabromodiphenyl ether	mg/kg	5	ND
Octabromodiphenyl ether	mg/kg	5	ND
Nonabromodiphenyl ether	mg/kg	5	ND

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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Decabromodiphenyl ether	mg/kg	5	ND

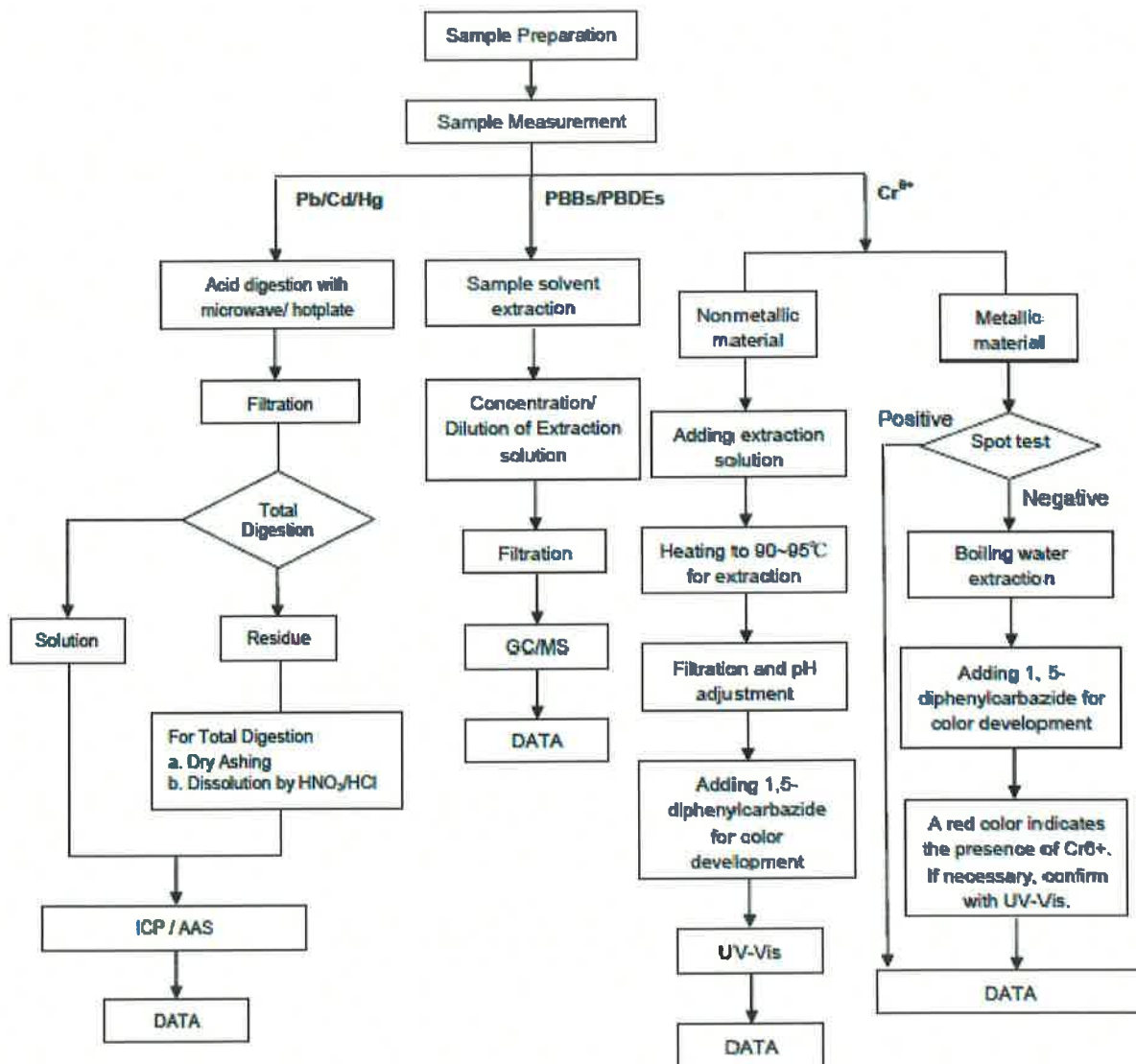
Notes :

1. mg/kg = ppm \square 0.1wt% = 1000ppm
2. ND = Not Detected
3. MDL = Method Detection Limit
4. " - " = Not Regulated
5. Analyses were subcontracted to SGS Taiwan, Ltd.
6. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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Analysis Flowchart of 6 Banned Substances



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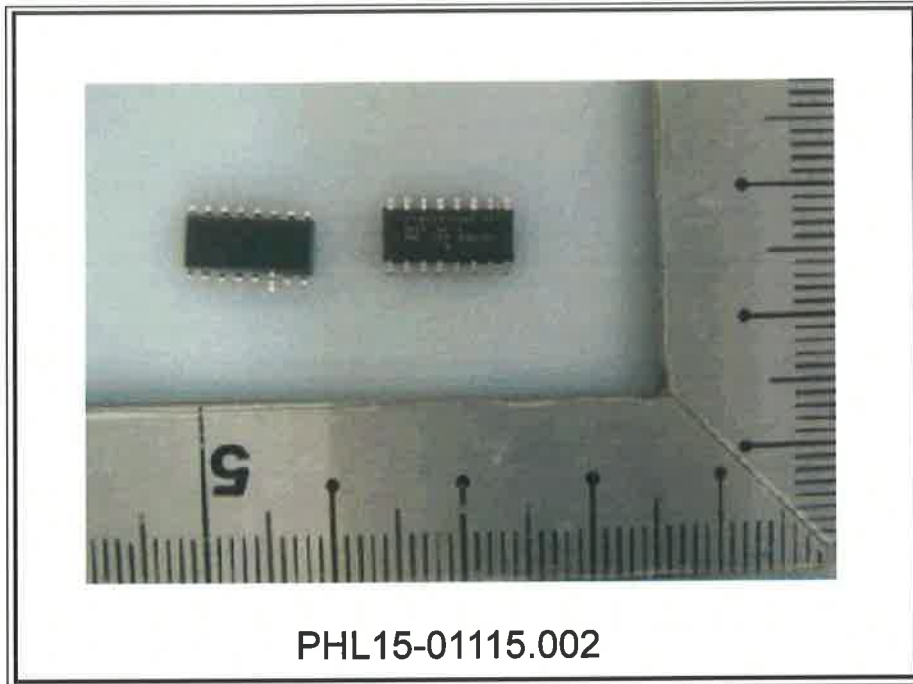
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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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