



Cypress Semiconductor Corporation

198 Champion Court
San Jose, CA 95134

July 01, 2011

Dear Cypress Customer.

This is to declare that the test results summarized on the attached report are valid for 5 years from the report date. In other words, the data reported shall remain the same until July 01, 2016.

Should there be any changes in the RoHS compliance status of the material mentioned in the report prior to this date, Cypress will re-conduct testing and post an updated copy of the report with the latest results. In the absence of any changes during the 5 year validity period, the original test results can be leveraged for RoHS compliance purposes.

Customers will be notified to changes in form, fit or function (e.g., assembly material set or location) via Cypress's Product Change Notice (PCN) policy, which is in accordance with the JESD-46 standard.

Please feel free to contact us if you have any questions. Inquiries may be submitted online, via the *MyCases* portal located on the Cypress web at URL www.cypress.com/myaccount.

Ashwin Varma
Quality Assurance Manager
+1 (408) 943-2600
www.cypress.com/myaccount



Test Report

No.: LB11-03435

July 1, 2011

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CYPRESS MANUFACTURING LTD.

Gateway Business Park SEPZA,
Brgy. Javalera, General Trias, Cavite

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

Product Name : SOIC (SZ08, SZ16)
Assembly site: CML
Mold compound: KEG3000DA
Die attach: QMI 509
Lead finish: NiPdAu

SGS Sample Number : LB11-03435.001

Received Date : June 16, 2011

Test Performing Date : June 16, 2011 to July 1, 2011

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 Result(s) : Please refer to next page(s).

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

Signed for and on behalf of
SGS PHILIPPINES, INC.



MEDEN L. PENEVRA
Laboratory Operations Manager

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Test Report

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Sample Number : LB11-03435.001
Physical Description : IC units
Item / Part Number : SOIC (SZ08, SZ16)

RoHS Directive 2002/95/EC

Test Item(s):	Unit	Test Method	Result	MDL
Cadmium (Cd)	mg/kg	With reference to IEC 62321:2008. Analysis was performed by ICP-AES.	ND	2
Lead (Pb)	mg/kg	With reference to IEC 62321:2008. Analysis was performed by ICP-AES.	ND	2
Mercury (Hg)	mg/kg	With reference to IEC 62321:2008. Analysis was performed by ICP-AES.	ND	2
Hexavalent Chromium (CrVI)	mg/kg	With reference to IEC 62321:2008. Analysis was performed by UV/Vis Spectrometry.	ND	2
Sum of PBBs	mg/kg	With reference to IEC 62321:2008. Analysis was performed by GC/MS.	ND	-
Monobromobiphenyl	mg/kg		ND	5
Dibromobiphenyl	mg/kg		ND	5
Tribromobiphenyl	mg/kg		ND	5
Tetrabromobiphenyl	mg/kg		ND	5
Hexabromobiphenyl	mg/kg		ND	5
Pentabromobiphenyl	mg/kg		ND	5
Heptabromobiphenyl	mg/kg		ND	5
Octabromobiphenyl	mg/kg		ND	5
Nonabromobiphenyl	mg/kg		ND	5
Decabromobiphenyl	mg/kg		ND	5
Sum of PBDEs	mg/kg		ND	-
Monobromodiphenyl ether	mg/kg		ND	5
Dibromodiphenyl ether	mg/kg		ND	5
Tribromodiphenyl ether	mg/kg		ND	5
Tetrabromodiphenyl ether	mg/kg		ND	5
Pentabromodiphenyl ether	mg/kg		ND	5
Hexabromodiphenyl ether	mg/kg		ND	5
Heptabromodiphenyl ether	mg/kg		ND	5
Octabromodiphenyl ether	mg/kg		ND	5
Nonabromodiphenyl ether	mg/kg		ND	5
Decabromodiphenyl ether	mg/kg		ND	5

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L 84942

Test Report

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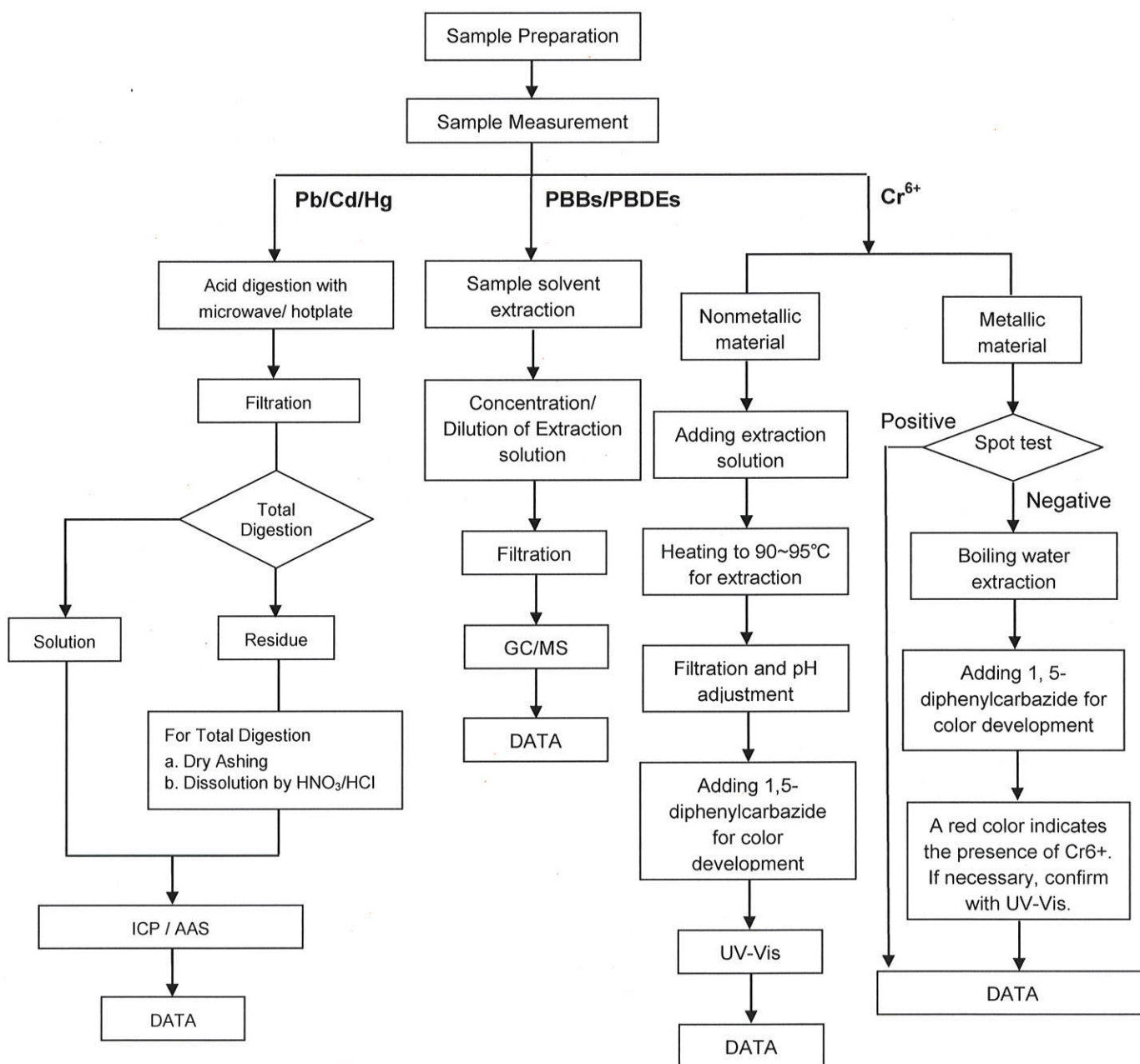
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- Note :
- (1) mg/kg = ppm ; 0.1wt% = 1000 ppm
 - (2) N.D. = Not Detected
 - (3) MDL = Method Detection Limit
 - (4) "-" = Not Regulated
 - (5) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC.
 - (6) Analyses were subcontracted to SGS Taiwan, Ltd.
 - (7) Composite testing was conducted as per client's request

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Analysis Flowchart of 6 Banned Substances


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L 84944

Test Report

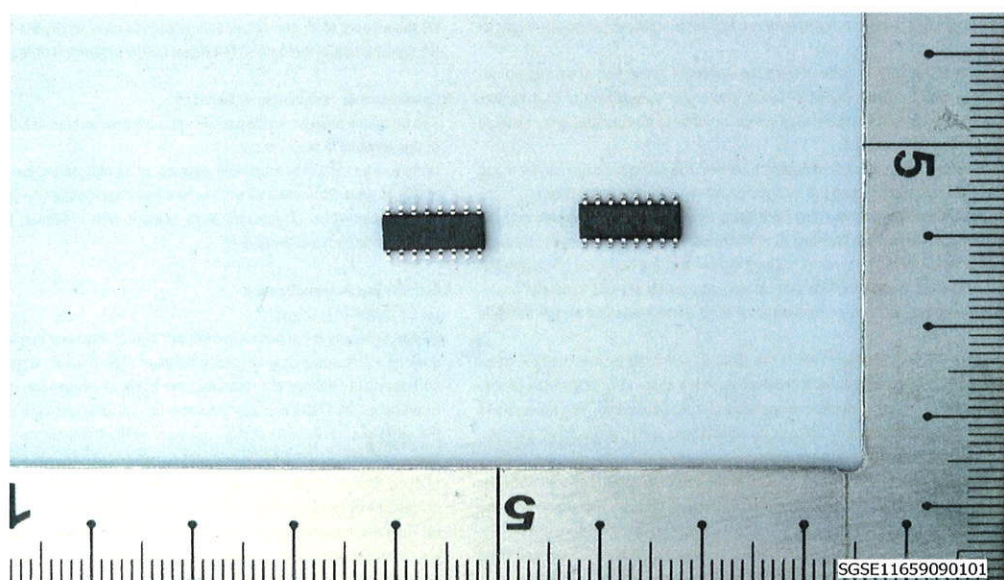
No.: LB11-03435

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Sample Photo (As Received):

LB11-03435.001



...End of Report...

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L 84945