

## Test Report

No. SH6147300/ CHEM Date: Dec. 7, 2006

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HANGZHOU SILAN MICROELECTRONICS CO.,LTD  
NO.4 HUANGGUSHAN ROAD,HANGZHOU,ZHEJIANG,P.R.C

Report on the submitted sample said to be SOP8.

SGS Ref No. : 10135893-1  
Model No. : SA1412S/SA1412A/SA1510S/SA1582S/SA6208/SA7527S/SA8133S/SC1308LS/  
SC3073CS/SA7411S/SA7421/SPB3485EN/SPA5205/SC9200AS

Sample Receiving Date : Dec.04, 2006  
Testing Period : Dec.04 – 07, 2006

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives

Test Method : (1) With reference to IEC 62321 Ed 111/54/CDV for Cadmium content  
Analysis was performed by ICP and AAS.  
(2) With reference to IEC 62321 Ed 111/54/CDV for Lead content  
Analysis was performed by ICP and AAS.  
(3) With reference to IEC 62321 Ed 111/54/CDV for Mercury content  
Analysis was performed by ICP.  
(4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium.  
Analysis was performed by UV/Vis Spectrometry.  
(5) With reference to US EPA Method 3540C/ 3550C for PBB / PBDE Content.  
Analysis was performed by GC/MS

Test Results : Please refer to next pages

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Ella Zhang  
Sr. Section Head

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	1	2**	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	ND	2	100
Lead (Pb)	(2)	ND	ND	2	1000
Mercury (Hg)	(3)	ND	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND*	ND	2	1000
Sum of PBBs	(5)	---	ND	-	1000
Monobromobiphenyl		---	ND	5	-
Dibromobiphenyl		---	ND	5	-
Tribromobiphenyl		---	ND	5	-
Tetrabromobiphenyl		---	ND	5	-
Hexabromobiphenyl		---	ND	5	-
Pentabromobiphenyl		---	ND	5	-
Heptabromobiphenyl		---	ND	5	-
Octabromobiphenyl		---	ND	5	-
Nonabromobiphenyl		---	ND	5	-
Decabromobiphenyl		---	ND	5	-
Sum of PBDEs (Note 4)		---	ND	-	1000
Monobromodiphenyl ether		---	ND	5	-
Dibromodiphenyl ether		---	ND	5	-
Tribromodiphenyl ether		---	ND	5	-
Tetrabromodiphenyl ether		---	ND	5	-
Pentabromodiphenyl ether		---	ND	5	-
Hexabromodiphenyl ether		---	ND	5	-
Heptabromodiphenyl ether		---	ND	5	-
Octabromodiphenyl ether		---	ND	5	-
Nonabromodiphenyl ether		---	ND	5	-
Decabromodiphenyl ether		---	ND	5	-
Sum of PBDEs (Mono to Deca)		---	ND	-	-

### Test Part Description:

1. Silvery metal pin part
2. Black solid with silvery metal part(body)(mix all)

## Test Report

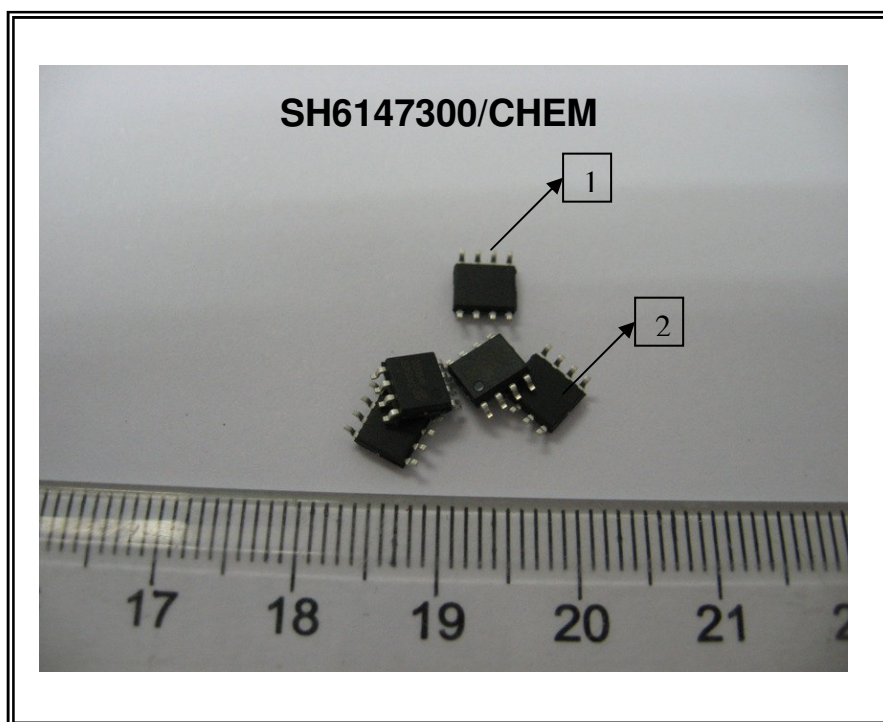
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Note:

- (1) mg/kg = ppm
- (2) ND = Not Detected
- (3) MDL = Method Detection Limit
- (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
- (5) "-" = Not Regulated
- (6) "---" = Not Conducted
- (7) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (8) \* As requested by client, US EPA 3060A/7196A were used for determination of the sample.
- (9) \*\*The sample(s) was analyzed on behalf of the applicant as mixing whole/part sample in one testing. The result(s) in report means average of whole sample. The result(s) will be different obviously if the sample(s) was tested as requirement of RoHS, and result(s) may be higher than that of report. The applicant will take the responsibility of all discrepancy and risk.

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*