

Report No :	BSTDG1501	315223RR-4	Date: Jan. 06, 2015	Page 1 of 6		
Applicant Address						
The following s	ample(s) was /	were submitte	d and identified on behalf	of the clients as :		
Sample Name	:	CHIP RESI	STOR			
Trade Name	:	MAKOSEMI SEMICONDUCTOR	1			
Sample Model	:		0603/0805/1206/1210/18 AY ALL SERIES	08/1812/2010		
Sample Receiv	red Date :	Jan. 03, 201	5			
<b>Testing Period</b>	:	Jan. 03, 201	5 To Jan. 06, 2015			
Test Requested	1 :	selected tes 2011/65/EU		as requested by client with		
Test Method	:	Please refer	to next page(s).			
Test Result	:	Please refer	to next page(s).			





Andy Zheng/ Technical Director

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#### Sample Description:

No.	Description	Name	
1	Metal	Pin	
2	Plastic	Package Body	

#### Test Result(No.1):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	7	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chrormium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS			1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS		5	
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS			1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS		5	

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### Test Result(No.2):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	100
Lead(Pb)	mg/kg	IEC 62321-5:2013, ICP-AES	N.D.	2	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013, ICP-AES	N.D.	2	1000
Hexavalent Chrormium(CrVI)	mg/kg	IEC 62321:2008, UV-Vis	N.D.	2	1000
Sum of PBBs	mg/kg	IEC 62321:2008, GC-MS	N.D.		1000
Monobromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Dibromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tribromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tetrabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Pentabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Hexabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Heptabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Octabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Nonabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Decabromobiphenyl	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Sum of PBDEs	mg/kg	IEC 62321:2008, GC-MS	N.D.		1000
Monobromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Dibromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tribromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Tetrabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Pentabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Hexabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Heptabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Octabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Nonabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	
Decabromodiphenyl ether	mg/kg	IEC 62321:2008, GC-MS	N.D.	5	

Note:

1. mg/kg= ppm

2. N.D.= No Detection(<MDL)

- 3. MDL = Method Detection Limit
- 4. -- = No Testing

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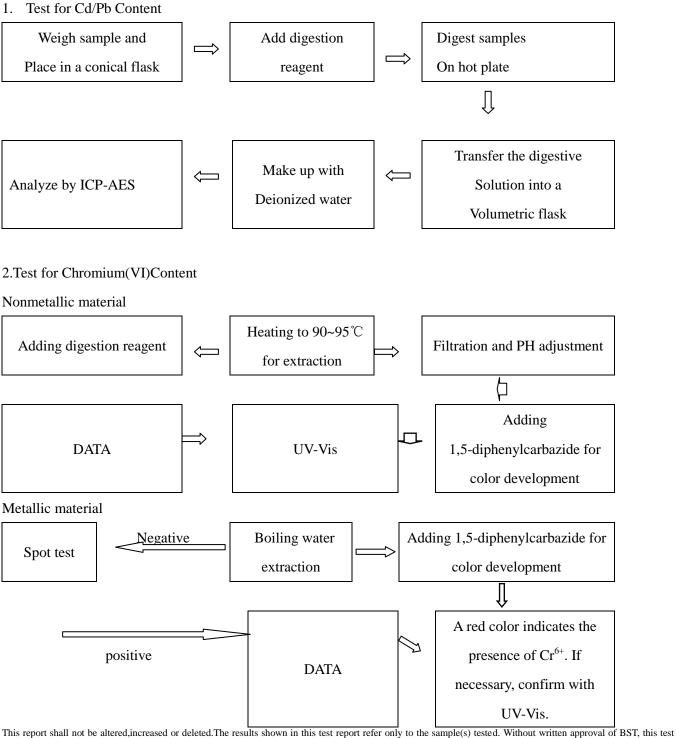
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### **Test Process:**



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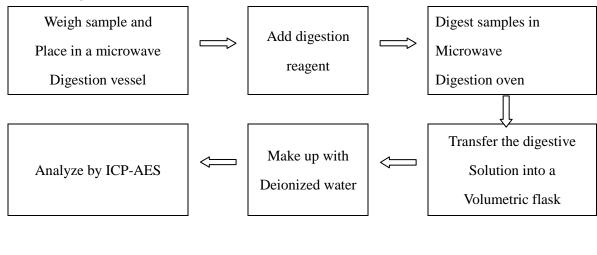
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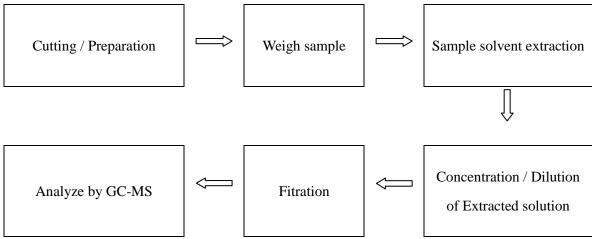
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3.Test for Hg Contents



4.Test for PBBs,PBDES



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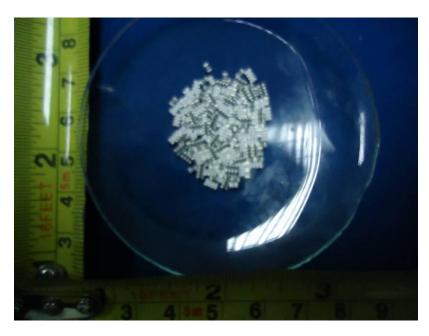
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### Sample Photo:



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

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