



Test Report

RDC SEMICONDUCTOR CO., LTD.

6F-1, NO. 2-1, LIHSIN RD. SCIENCE-BASED INDUSTRIAL
PARK, HSINCHU 300, TAIWAN, R. O. C.

Report No. : CE/2005/10513

Date : 2005/01/12


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The following merchandise was (were) submitted and identified by the client as :

Type of Product : R88XX-G R11XX-G SERIES LQFP 100 PIN GREEN
PACKAGE
Style/Item No : R8820LVD-G
Sample Received : 2005/01/05
Testing Date : 2005/01/05 TO 2005/01/12

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Test Result : - Please see the next page -


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.



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Test Result

PART NAME NO.1 : BLACK PLASTIC BODY WITH WHITE PRINTED (PLEASE REFER TO THE PHOTO ATTACHED)

PART NAME NO.2 : SILVER COLORED METAL PIN (PLEASE REFER TO THE PHOTO ATTACHED)

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Chlorinated Paraffin (C10~C13) (CAS NO:010871-26-2)	%	Analysis was performed by GC/MS.	0.01	N.D.	---

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Mirex(CAS NO:002385-85-5)	ppm	Analysis was performed by GC/MS.	4	N.D.	---

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
PBBs(Polybrominated biphenyls)(CAS NO:059536-65-1)	%	With reference to USEPA3540 or USEPA3550. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.
PBBEs(PBDEs)(Polybrominated biphenyl ethers)	%	With reference to USEPA3540 or USEPA3550. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.



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Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)	ppm	With reference to USEPA 8082A. Analysis was performed by GC/ECD/MS.	0.5	N.D.	---

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Polychlorinated Naphthalene	ppm	With reference to USEPA 8081B. Analysis was performed by GC/MS.	5	N.D.	---

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
PCP(Pentachlorophenol) (CAS No:004901-51-3)	ppm	With reference to US EPA 8270D. Analysis was performed by GC/MS.	1	N.D.	---

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
PCTs(Polychlorinated Terphenyls)	ppm	Analysis was performed by GC/ECD/MS.	0.5	N.D.	---

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.	N.D.

NOTE : (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit



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