



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/2004/C1716

Date : 2004/12/16


Page : 1 of 5

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

Type of Product : R88XX-G R11XX-G SERIES PQFP 100 PIN GREEN PACKAGE
(MAIN BODY, EXCLUDE LEAD)
Style/Item No : R8820LVD-G
Buyer/Order No : LGE
Sample Received : 2004/12/09
Testing Date : 2004/12/09 TO 2004/12/16

=====

Test Result : - Please see the next page -


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



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/2004/C1716

Date : 2004/12/16

Page : 2 of 5

Test Result

PART NAME NO.1 : SILVER COLORED METAL PIN(PLEASE REFER TO THE PHOTO ATTACHED)

PART NAME NO.2 : BLACK PLASTIC BODY WITH WHITE PRINTED(PLEASE REFER TO THE PHOTO ATTACHED)

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.		

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.		

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company



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/2004/C1716

Date : 2004/12/16

Page : 3 of 5

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		
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 UESPA 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.		

The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the Company



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/2004/C1716

Date : 2004/12/16

Page : 4 of 5

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

NOTE : (1) N.D. = Not detected (<MDL)

(2) ppm = mg/kg

(3) MDL = Method Detection Limit

(4) " --- " = Not Applicable



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/2004/C1716

Date : 2004/12/16

Page : 5 of 5

