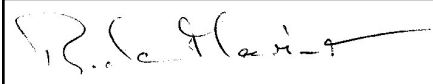




DOCUMENT CHANGE REQUEST

DCR number 615		Changes required for: N/A		Originator: Christian FERRE	
Date: 2010/07/02		Date sent: 2010/07/02		Organisation: CNES	
Status: IMPLEMENTED					
Title:		Integrated Circuits Silicon Monolithic CMOS Gate Array/Embedded Array , based on Type MH1RT			
Number:		9202/076	Issue:	3	
Other documents affected:					
Page:					
Change #1 (see file joined)					
Paragraph:					
Change #1 (see file joined)					
Original wording:					
Proposed wording:					
See file joined					
Justification:					
add packages LGA 349 and 472 due to discontinuiation of the SCI technology					
Attachments:					
DCR615att.pdf, null					
Modifications:					
N/A					
Approval signature:					
					
Date signed:					
2010-07-02					

Modifications of 9202/076 Issue 3 – DCR # ??

1. Change #1 :

Adding 2 packages LGA349 and LGA472.

Reason of change :

Improvement of the offering & MCGA replacement due to discontinuation of the SCI technology

Description of change:

§ 1.4.2 Add lines:

Variant Number	Based on type	Circuit function	Supply voltage	Case	Terminal material and finish (note 5)	Weight max (g)	Total dose Radiation level Letter (note 6)	notes
53	TH1099ER	988 000 sites	Single supply (3V)	LGA-349	E2	7	R [100 krad(Si)]	1, 3
54	TH1156ER	1558 000 sites	Single supply (3V)	LGA-472	E2	10	R [100 krad(Si)]	1, 3
55	TH1156ER	1558 000 sites	Single supply (3V)	LGA-349	E2	7	R [100 krad(Si)]	1, 3
56	TH1242ER	2422 000 sites	Single supply (3V)	LGA-472	E2	10	R [100 krad(Si)]	1, 3
57	TH1242ER	2422 000 sites	Single supply (3V)	LGA-349	E2	7	R [100 krad(Si)]	1, 3
58	TH1332ER	3319 000 sites	Single supply (3V)	LGA-472	E2	10	R [100 krad(Si)]	1, 3
59	TH1099ES	988 000 sites	Bi-voltage supply (3V/5V)	LGA-349	E2	7	R [100 krad(Si)]	2, 3
60	TH1156ES	1558 000 sites	Bi-voltage supply (3V/5V)	LGA-472	E2	10	R [100 krad(Si)]	2, 3
61	TH1156ES	1558 000 sites	Bi-voltage supply (3V/5V)	LGA-349	E2	7	R [100 krad(Si)]	2, 3
62	TH1242ES	2422 000 sites	Bi-voltage supply (3V/5V)	LGA-472	E2	10	R [100 krad(Si)]	2, 3
63	TH1242ES	2422 000 sites	Bi-voltage supply (3V/5V)	LGA-349	E2	7	R [100 krad(Si)]	2, 3
64	TH1332ES	3319 000 sites	Bi-voltage supply (3V/5V)	LGA-472	E2	10	R [100 krad(Si)]	2, 3
65	TH1M099ER	988 000 sites composite	Single supply (3V)	LGA-349	E2	7	R [100 krad(Si)]	1, 4
66	TH1M156ER	1558 000 sites composite	Single supply (3V)	LGA-472	E2	10	R [100 krad(Si)]	1, 4
67	TH1M156ER	1558 000 sites composite	Single supply (3V)	LGA-349	E2	7	R [100 krad(Si)]	1, 4

68	TH1M242ER	2422 000 sites composite	Single supply (3V)	LGA-472	E2	10	R [100 krad(Si)]	1, 4
69	TH1M242ER	2422 000 sites Composite	Single supply (3V)	LGA-349	E2	7	R [100 krad(Si)]	1, 4
70	TH1M332ER	3319 000 sites composite	Single supply (3V)	LGA-472	E2	10	R [100 krad(Si)]	1, 4
71	TH1M099ES	988 000 sites composite	Bi-voltage supply (3V/5V)	LGA-349	E2	7	R [100 krad(Si)]	2, 4
72	TH1M156ES	1558 000 sites composite	Bi-voltage supply (3V/5V)	LGA-472	E2	10	R [100 krad(Si)]	2, 4
73	TH1M156ES	1558 000 sites composite	Bi-voltage supply (3V/5V)	LGA-349	E2	7	R [100 krad(Si)]	2, 4
74	TH1M242ES	2422 000 sites composite	Bi-voltage supply (3V/5V)	LGA-472	E2	10	R [100 krad(Si)]	2, 4
75	TH1M242ES	2422 000 sites Composite	Bi-voltage supply (3V/5V)	LGA-349	E2	7	R [100 krad(Si)]	2, 4
76	TH1M332ES	3319 000 sites composite	Bi-voltage supply (3V/5V)	LGA-472	E2	10	R [100 krad(Si)]	2, 4

§ 1.7 Physical dimensions and terminal identification

Add § 1.7.6. Land Grid Array (LGA349) – 349 lands



LGA349.pdf

See attached file:

Add § 1.7.7. Land Grid Array (LGA472) – 472 lands
See attached file:



LGA472.pdf

