DOCUMENT CHANGE REQUEST

DCR number 867	Changes required for: General	Originator: Christian Ferre
Date: 2014/10/08	Date sent: 2014/06/16	Organisation: ATMEL
Status: IMPLEMENTED		

Title:	Integrated Circuits, Silicon Monolithic, CMOS, Cell-Based Array Based on Type ATC18RHA		
Number:	9202/080	Issue:	2

Other documents affected:

Page:

5,8,22

Paragraph:

1.4.2, 1.5, 1.7

Original wording:

see issue 2

Proposed wording:

see attachment

Justification:

MCGA package introduction: Atmel get a Customer Request for an ASIC in a ESCC QML flow instead of QML-V flow. This ASIC is packaged in a CCGA472, which has not been introduced in the DS 9202/080.

In fact, when Atmel proposed the Detail Specification DS 9202/080 for its ATC18RHA technology flow, CCGA package was in an end-of-life process, due to SCI unavailability. Today, E2V Grenoble, responsible for the assembly of Atmel ASIC's, has extended the availability of the SCI and made the CCGA available up to 2016.

Thanks to this extension, Atmel is able to continue proposing ASIC in CCGA package, and asks for an update of the ATC18RHA DS9202/080.

Attachments:

dcr_ds9202_080(2).doc

Modifications:

The following additional changes/corrections to both the DCR attachment and ESCC 9202/080 Issue 2 are required:

- DCR Attachment, Changes description section, Item 1, 'Case' Column: Prefix the case code numbers with "M", i.e. MCGA-349 and MCGA-472.

- Para. 1.5, Maximum Ratings, Note 5: Replace the existing text with the following

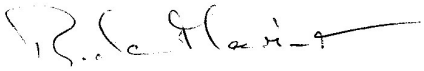
For Variants with a Land Grid Array case or a Multilayer Column Grid Array case (LGA-349, LGA-472, LGA-625, AIN LGA-625, MCGA-349 & MCGA 472), during reflow.

- DCR Attachment, Changes description section, Item 3: The two new Physical Dimensions and Terminal Identification Subparagraphs shall be given the following titles (i.e. replace the titles shown in the Changes description section, Item 3)

1.7.9 Multilayer Column Grid Array (MCGA-349) - 349 Columns
1.7.10 Multilayer Column Grid Array (MCGA-472) - 472 Columns

- DCR Attachment, Changes description section,
Item 2: prefix "CGA/LGA" with "M", i.e. MCGA/LGA case instead of LGA case (in the Soldering Temperature Characteristic of Maximum Ratings table).

Approval signature:



Date signed:

2014-10-08