ESCC

DOCUMENT CHANGE REQUEST

DCR number 183	Changes required for: General		Originator: S. Jeffery
Date: 2005/06/06	Date sent: 2005/06/06		Organisation: ESA/ESTEC
Status: IMPLEMENTED			

Title:	CMOS Low Power Monostable/Astable Multivibrator, based on type 4047B		
Number:	9207/003	Issue:	1

Other documents affected:

Page:

Page 13, Figure 3(b), TRUTH TABLE and Page 15, Figure 3(d), FUNCTIONAL DIAGRAM. NB: after spec conversion, Figure 3(d) will be Para. 1.8 and Figure 3(b) will be Para. 1.10.

Paragraph:

Page 13, Figure 3(b), TRUTH TABLE and Page 15, Figure 3(d), FUNCTIONAL DIAGRAM. NB: after spec conversion, Figure 3(d) will be Para. 1.8 and Figure 3(b) will be Para. 1.10.

Original wording:

Proposed wording:

Add the following note to the Functional Diagram:-

C_{ext} (Astable mode)>=100pF;
C_{ext} (Monostable mode)>=1nF.
10kOhms<=R_{ext}<=1MOhm

Add the following note to the Truth Table:-

For FP, DIP and SO packages, an external resistor (R_{ext}) and an external capacitor (C_{ext}) are required to be connected between pins 2 and 3 and pins 1 and 3 respectively. For the CCP package external components R_{ext} and C_{ext} are required to be connected between pins 4 and 5 and pins 2 and 5 respectively.
See Para. 1.8 for values of external components.
[note - 'ext' will be subscript]

Justification:

The proposed notes are required to fully define the external components and hence the device itself. The information in the proposed notes is based on that given in the manufacturer's data sheet.

DCR amended on 29-7-2005

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Attachments:

N/A

Modifications:

N/A

Approval signature:

Date signed:

2005-06-06