

The Product Data Amendment series of documents is produced to provide basic details of changes to CML data publications.

## 1.0 Introduction

- 1.1 This document describes the changes made to the CMX635 datasheet, Publication No: D/635/1 April 2001 to produce the updated version: D/635/2 December 2001.

## 2.0 Reference Document(s)

- 2.1 CML Technical Datasheet: D/635/2 December 2001

## 3.0 Products Affected

- 3.1 All current CMX635 IC products

## 4.0 Additions and Alterations

Reference: D/635/2 December 2001

- Section 1: Block diagram (Fig 1) and attendant notes amended. (page 4)
- Section 1.2.2 Analogue block diagram amended (page 5).
- Section 1.3.2 Pin description; TX10, TX10N, TX1N, TXOP paragraph amended (page 9).
- Section 1.4 External components; Figure 3 amended (page 10).
- Section 1.4.2 Equivalent Analogue Input/Output Circuits; Figure 4 amended (page 12).
- Section 1.5.2 HDLC Controllers and FIFOs; paragraph 5 (bullet 3) amended (page 16).
- Section 1.6.1 Interrupt Structure; Top Level Status Mask Register; address amended (page 23).

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CML does not assume any responsibility for the use of any circuitry described. No circuit patent licences are implied and CML reserves the right at any time without notice to change the said circuitry.

## 4.0 Additions and Alterations

- Section 1.6.2.2 Data Routing;B Channel Port Code Channel; table amended (page 32).
- Section 1.6.2.2 Data Routing Code Channel; table amended (page 33).
- Section 1.6.2.3.4 Rx Mode Register;D and B Channel; tables and attendant text amended (page 36).
- Section 1.6.2.8.4 Rx Octet Counter; note added to end of text (page 40).
- Section 1.6.2.9.1 Tx Mode Register; text amended (page 40).
- Section 1.6.2.9.3 Tx Frame Count Register; text and table amended (page 41).
- Section 1.6.2.12.7 Filter Reset Register; text amended (page 52).
- Section 1.6.2.13.2 Output Amplifier Gain Register (G3); text and table amended (page 54).

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