

**PM4388
TOCTL**

DATASHEET ERRATA

Issue 1: August, 1998

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1. Errata

1.1. Scope

This document is a notification of specification changes and errors to issue 4 of the TOCTL Data Sheet, PMC-960840, dated December, 1997.

1.2. Delay in signaling data with COSS = 1

In the SIGX, when a COSS signal is asserted on a change of signaling state the signaling data is updated in the SIGX Indirect Registers 20H to 37H after the following full signaling multiframe (3ms). In designs where the signaling data is needed within the same signaling multiframe the data is available in SIGX Indirect Registers 10H to 1FH.

Please add the following paragraph to page 138 of the TOCTL Data Sheet:

“

Signaling data is not available for one full signaling multi-frame after the COSS[x] indication is available. If the signaling data is needed in the same signaling multi-frame that the COSS indication is available, the following registers can be read.

TimeSlot	SIGX Address	Bit Mask	Timeslot	SIGX Address	Bit Mask
1	10H	F0H	17	10H	0FH
2	11H	F0H	18	11H	0FH
⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	23	16H	0FH
⋮	⋮	⋮	24	17H	0FH
15	1EH	F0H	Reserved		
16	1FH	F0H			

“

1.3. PRGD Control Register programming

The description of the PS bit in the PRGD Control Registers, on Page 174 of the Data Sheet, should be enhanced, by adding the following statement:

“The PS Bit must be programmed to the desired setting before programming any other PRGD registers, otherwise the transmitted pattern may be corrupted. Any time the setting of the PS bit is changed, the PRGD Pattern Insertion Registers should be reprogrammed.”

1.4. PMON BEE Count Register Titles

The register Description Titles of the PMON BEE Count Registers on Page 148 and 149 of the Data Sheet only refer to the first 4 channels. The titles should be changed to:

“Register 04AH, 0CAH, 14AH, 1CAH, 24AH, 2CAH, 34AH, AND 3CAH: PMON BEE Count (LSB)”

“Register 04BH, 0CBH, 14BH, 1CBH, 24BH, 2CBH, 34BH, AND 3CBH: PMON BEE Count (MSB)”

Also note that the “Normal Mode Register Map” on Page 39 is correct.

2. Contacting PMC-Sierra

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