

SPARClite

MB86930 Datasheet



UPDATE

1993 Revision No. 02

Subject: cache tag
cache tag lock bit

Section: Instruction Tag Lock Bits, Data Tag Lock Bits, Instruction Cache

Page: 17

Error Number: E0045

Table: 2

Created: 1/7/93

Subsection:

Figure:

Last Modified: 4/9/93

CURRENTLY READS

```
Bank 2  0x0000 0000
         |
         v
         0x0000 0400
```

SHOULD READ

```
Bank 2  0x8000 0000
         |
         v
         0x8000 0400
```

EXPLANATION

Subject: Cache Tag

Section: Instruction Cache Tag, Data Cache Tag

Page: 17

Error Number: E0046

Table: 2

Created: 1/7/93

Subsection:

Figure:

Last Modified: 1/7/93

CURRENTLY READS

In the diagram:
bits 6-9 are shown as 0 on reset, ie. RST=0.

SHOULD READ

bits 6-9 should be undefined on reset, ie. RST=Undefined.

EXPLANATION

Subject: wait-state specifier register wssr count 1 count 2	Section: Page: 17 Table: 2 Figure: Wait State Specifier	Error Number: E0053 Created: 1/18/93 Last Modified: 1/18/93
Subsection:		

CURRENTLY READS

no description on count 1 and count 2 in the figure.

SHOULD READ

count1
(RST=Undefined)
(page miss)

count 2
(RST=Undefined)
(page hit)

Note: count = WS -1

EXPLANATION

Subject: cache data ram cache data cache instruction cache	Section: Table 2 Page: 18 Table: 2 Figure:	Error Number: E0055 Created: 1/29/93 Last Modified: 4/13/93
Subsection:		

CURRENTLY READS

The instruction and data cache data ram locations were not listed.

SHOULD READ

Instruction Cache Data
ASI D, same addresses as tag rams except increments by 1.

Data Cache Data
ASI F, same addresses as Instr Cache Data.

EXPLANATION

Subject: BGRNT
BREQ
CS
Bus Arbitration

Section: Signal Descriptions

Page: 6

Table: Signal Descriptions

Error Number: E0082

Created: 4/2/93

Subsection:

Figure:

Last Modified: 4/13/93

CURRENTLY READS

Last line of the description column for -BGRNT.

"All bus drivers are three-stated with the assertion of the BUS GRANT signal."

SHOULD READ

Change it to

See the "Note" section at the end of this table and the "Type" column for other signals to determine the effect due to the assertion of -BGRNT."

EXPLANATION

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