Aeroflex Colorado Springs
SμMMIT Handbook
Edits since 4-02 Handbook Production

Edits made 11-11

Page 35 Chapter 3
Edited Register #2 description to Current Command Block

Page 51 Chapter 4
Edited Register #2 description to Current Command Block

Page 81 Chapter 8
Added new note #6

Page 82 Chapter 8
Added note #6

Page 98 Chapter 11
Edited TI description and add OD = Open Drain

Page 99 Chapter 11
Removed note #2

Page 100 Chapter 11
TCK description added “Can operate up to 1 MHz

Page 101 Chapter 11
11.1.7 changed TYPE TTO to OD on DMAR and DMAC, edited note #1 to This output will drive low and three-state only

Page 102 Chapter 11
RD, RWR, RCS types note 1 removed. Changed ROMEN type to OD. Edited note #2 to This output will drive low and three-state only

Page 103 Chapter 11
11.1.9 changed MSG_INT, YF_INT from TTO to OD. Edited note #1 to This output will drive low and three-state only

Page 105 Chapter 12
Edited Pin Description

Page 106 Chapter 12
Edited TI description and add OD = Open Drain

Page 107 Chapter 12
Removed note #2

Page 108 Chapter 12
TCK description added “Can operate up to 1 MHz

Page 108 Chapter 11
12.1.6 changed TYPE TTO to OD on DMAR and DMAC, edited note #1 to This output will drive low and three-state only

Page 110 Chapter 12
RRD, RWR, RCS types note 1 removed. Changed ROMEN type to OD and SSYSF to TUI. Edited note #1 to This output will drive low and three-state only

Page 111 Chapter 12
Changed MSG_INT and YF_INT type to OD. Edited note #1 to This output will drive low and three-state only

Page 112 Chapter 12
Edited V_{CC} Description LX to LXE, DX to DXE and changed recommended decoupling capacitor values from 4.7 to 47

Page 113 Chapter 13
Edited Pin Description

Page 114 Chapter 13
Edited TI description and add OD = Open Drain

Page 117 Chapter 13
TCK description added “Can operate up to 1 MHz

Page 120 Chapter 13
13.1.9 changed TYPE TTO to OD on YF_INT and MSG_INT. Removed note 1 for RDY and BIST. Edited note #1 to This output will drive low and three-state only

Page 123 Chapter 16
SuMMIT E DC Table - edited V_{OH} condition to -4.0 and -1.0, added on S_{IDD} MRST = V_{DD} and MRST-V_{SS}. Edited note 7 to guaranteed by characterization, not tested.

Page 125 Chapter 19
Corrected V_{OL} Condition and V_{OH} condition to -4.0 and -1.0. Edited note #3

Page 126 Chapter 19
Edited V_{OH} condition to -4.0 and -1.0. Edited note #3 to read “Guaranteed by design but not tested”.

Page 127 Chapter 20
Edited note #3 to state Guaranteed by characterization but not tested

Page 129 Chapter 20
Added note #1 to t_g. Edited note #3 to state Guaranteed by characterization but not tested

Page 130 Chapter 20
Edited note #2 to state Guaranteed by characterization but not tested

Page 131 Chapter 20
Edited note #2 to state Guaranteed by characterization but not tested

Page 132 Chapter 20
Added note #1 to t_a, t_b and t_f. Edited note #1 to state Guaranteed by characterization but not tested

Page 133 Chapter 20
Edited note #4 to state Guaranteed by characterization but not tested. Added note 4 to t_a, t_b, t_c, and t_d.

Page 134 Chapter 20
Edited note #1 to state Guaranteed by characterization but not tested.

Page 144 Chapter 20
Edited t_f, t_g, t_h to 250 min versus max

Page 145 Chapter 21
Inserted figure on JTAB timing.

Page 154
Updated package drawing in Figure 57

Page 156
Updated package drawing in Figure 59

Page 158
Updated package drawing in Figure 61

Page 159, 160, 161
Updated order information

Previous Edits

Page 13 Chapter 2
2.1.8, 3rd paragraph changed to: The Time-Tag counter begins operation on the rising edge or MRST# or within 64us after the receipt of a valid Reset Remote Terminal Mode Code, Synchronize with Data Mode Code, or Synchronize without Data Mode Code.

Page 21 Chapter 2
Bit Number 6 added after 2nd line word command - this includes illegal and broadcast commands.

Page 22 Chapter 2
Bit Number 6 added after 2nd line word command - this includes illegal and broadcast commands.

Page 23 Chapter 2
Bit Number 6 added after 2nd line word command - this includes illegal and broadcast commands.
Page 24 Chapter 2
Bit Number 6 added after 2nd line word command - this includes illegal and broadcast commands.

Page 102 Chapter 11
RRD, RWR, RCS types Note 1 was removed.

Page 107 Chapter 12
12.1.2 added Note 2 - This output may tri-state and should be connected to an external bias resistor.

Page 109 Chapter 12
DMA Signals DMACK type- TUI to TTO
Changed Note 1 to - This output may tri-state and should be connected to an external bias resistor.

Page 110 Chapter 12
RRD, RWR, RCS - Note 1 was added - This output may tri-state and should be connected to V_{DD} through an external bias resistor.

Page 122 Chapter 14
Absolute Maximum Ratings - line PD Limit from 25 to 2.5