

PRODUCT CHANGE NOTICE

1. Supplier Information

Symmetricom
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2. Product Change Notice

SR2805

3. Issue Date

October 4, 2007

4. Change Classification

N/A

5. Product Identity/Model

Xli Time and Frequency System

6. Product Code/Assembly

1510-602

1510-652

7. Old Product Code

8. New CLEI Code

N/A

9. Old CLEI Code

N/A

10. Drawing

N/A

11. Associated Products or Changes Affected

N/A

12. Classification Substantiation

N/A

13. Reason for notification

Optional firmware upgrade to address the following:

Critical Error:

- None.

Reliability Improvements:

- The F72 display of CLOCK STATUS was changed so that it remains UNLOCKED until the Xli System has a first time lock
- The F100 BASET query command for the Front Panel keypad entry was enhanced to display the current Ethernet bandwidth

Bug fixes:

- The J3 Output Serial/Network command F113 was corrected. The minimum value for Freq Meas Interval should be 1 (not 2).
- The GPS Display Time with Function 8 output was corrected to be monotonic across a leap second event.
- The Xli IRIG Code Out signal was corrected for GPS time being monotonic across a leap second event.
- Immediate Web logout no longer causes a web server error message.
- The time on the Xli Front Panel no longer jumps at year rollover when Aux Ref is the backup Reference Clock and IRIG is Pri or Sec Ref Clock
- Correction to the Xli FPGA for the Time Interval / Event Time (TIET) problem that resulted in the timestamp being wrong when a time event occurred near the 1PPS time mark.

14. Description of Change

Hardware Changes: N/A

Firmware Changes: Including new application and file systems Project Rev. 1.99

15. Effect of Change

Improvement to product operation and reliability.

16. Material Affected

N/A

17. Documentation Affected

N/A

18. Supplier Implementation Date

October 4, 2007

19. Modification Expiration Date

N/A

20. Modification Location

N/A

21. Modification Cost

N/A

22. Location and Quantity of Equipment

N/A

23. Attachments

N/A

24. Comments

None