

PCN# 20250813000

Design Updates for

MitySOM-C10G Modules

Date: August 13, 2025

To: Purchasing Agents & Design Engineers

Dear Customer,

This is an initial announcement of a change to a product that is currently offered by Critical Link. The details of this change are on the following pages.

For questions regarding this notice, contact info@criticallink.com

Sincerely,

Critical Link, LLC

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Overview

Changes to MitySOM-C10G System on Modules are identified in the following sections.

1 ADC Reference Voltage Sequencing

1.1 Description of Change

The ADC reference voltage sequencing changed from group 2 to group 4.

1.2 Reason for Change

The ADC reference voltage sequencing was changed to correct observed unstable behavior during boot. This unstable behavior was only observed on the module's ADC and did not affect any other interfaces on the device.

1.3 Anticipated Impact on Quality or Reliability (positive / negative)

The MitySOM-C10G will be more reliable as the ADC reference voltage is now more stable and predictable during boot.

2 Products Affected

Details regarding the full revision history are located in the MitySOM-C10G Revision History section on the Critical Link support site:

https://support.criticallink.com/redmine/projects/mitysom_c10gx/wiki/Errata_and_Module_Product_Change_Notifications

Table 1 Products Affected

Model Number	Starting PCA	Replacement PCA
C10G-6T-4XA-RI	80-001585RI-2	80-001585RI-3
C10G-6R-4XA-RI	80-001776RI-2	80-001776RI-3

3 Document Revision History

Date	Version	Change Description
08-13-2025	1.0	Initial Version