PCN# 20200313000

Continuous Improvement on:

MitySOM-A10 Development Board PCA

Date: March 13, 2020

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 the Hardware Manager Bill Halpin (bill.halpin@critiallink.com).

Sincerely,

Critical Link, LLC

Phone: (315) 425-4045

Fax: (315) 425-4048

PCN Number: 20200313000

PCN Date: March 13, 2020

Title: PCIe Port Correction

Contact: Bill Halpin

Phone: (315) 425-4045

Ship Date: n/a

Overview

Change to MitySOM-A10 Development Board PCA is identified in the following sections.

1 PCIe Port Correction

1.1 Description of Change

Among the changes to the 2nd generation MitySOM-A10 development board (80-001218RI) the A10S module transceiver port signals to the PCIe interface transceiver connectors were reroute to swap with some of the FMC connector pins.

1.2 Reason for Change

The original PCIe design on the MitySOM-A10 Development Board PCA used transceivers not compatible with the Arria 10's PCIe Hard IP controller, resulting is a non-functional PCIe interface.

1.3 Anticipated Impact on Form, Fit, Function (positive / negative)

The 2nd generation MitySOM-A10 Development Board PCA has a fully functional PCIe port.

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

There is no impact to Quality or Reliability with this change.

2 Products Affected

Details regarding the full revision history can be located in the MitySOM- A10s Revision History section on the Critical Link support site.
https://support.criticallink.com/redmine/projects/mitysom_a10s/wiki

Table 1: Products Affected

Model Number	Starting PCA	Replacement PCA
n/a	80-001127RC-1	80-001218RI-3
n/a	80-001127RC-2	80-001218RI-3
n/a	80-001127RC-3	80-001218RI-3

See MitySOM-A10s Datasheet and Carrier Board Design Guide for migration options across the MitySOM- A10s family.

(CT016, Revision 4)
www.criticallink.com

3 Document Revision History

Date	Version	Change Description
13-March-2020	1.0	Initial Version

Copyright © 2016, Critical Link LLC

(CT016, Revision 4)
www.criticallink.com