

PCN# 20190222001

Obsolete 2 Array Capacitor on:

MitySOM-335x Modules

Date: February 22, 2019

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

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Title: Obsolete 2 Array Capacitor

Contact: Bill Halpin

Phone: (315) 425-4045

EOL Date: 2/22/19

Overview

Changes to MitySOM-335x System on Modules are identified in the following sections.

1 Replace Obsolete Array Capacitors

1.1 Description of Change

The MitySOM-335x variants will be replacing the two array capacitors with two discrete capacitors as of March 1, 2019.

1.2 Reason for Change

TDK announced on April 9, 2018 it was discontinuing production of the array capacitor as of April 30th, 2018.

Critical Link performed no PCB pad modifications to replace the two array 0.010uF capacitor package with discrete 0.010uF capacitors.

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

Functionally, the change will have no impact on performance. All of the two array capacitors had the capacitors within the packages used in parallel for decoupling purposes. This allowed us to replace every two array, 0.010uF capacitor, 0504 package with two 0.010uF, 0201 discrete capacitor.

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

There is no impact to Quality or Reliability.

2 Products Affected

Details regarding the full revision history can be located in the MitySOM-335x Revision History section on the Critical Link support site.

https://support.criticallink.com/redmine/projects/armc8-platforms/wiki/Module_Product_Change_Notifications

Table 1 Products Affected

Model Number	Starting PCA	Replacement PCA
3352-HX-X38-RC	80-000596RC-4	80-000596RC-6
3352-HX-X27-RC	80-000597RC-4	80-000597RC-6
3352-HX-X27-RI	80-000597RI-4	80-000597RI-6
3354-HX-X38-RC	80-000599RC-4	80-000599RC-6
3354-HX-X38-RI	80-000599RI-4	80-000599RI-6
3352-HX-XX7-RI	80-000601RI-4	80-000601RI-6
3354-HX-XX8-RC	80-000906RC-4	80-000906RC-6
3358-IX-X38-RI	80-000907RI-4	80-000907RI-6
3358-IX-X3A-RI	80-000927RI-4	80-000927RI-6
3352-HX-X4A-RC	80-001019RC-4	80-001019RC-6
3352-HX-X38-RC	80-001041RC-4	80-001041RC-6
3352-HX-X38-RL	80-001088RL-4	80-001088RL-6

3 Document Revision History

Date	Version	Change Description
22-Feb-2019	1.0	Initial Version