



VARISCITE LTD

VAR-SOM-AM33

Product change notification: No.3 rev 1.0
PCB v1.3A

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Revision	Date	Revision notes
1.0	11/01/2014	<ul style="list-style-type: none"><li data-bbox="475 264 580 293">• Initial

1. VAR-SOM-AM33 PCN introduction

1.1 Purpose of document

The purpose of this document is to provide a single repository for explaining design changes to a specific product family. The changes described in this document are related to the VAR-SOM-AM33 product family.

1.2 Identifying your VAR-SOM-AM33 version

PCB revision has changed and is now labeled as:

VAR-SOM-AM33 Rev 1.3A

2. PCN details

2.1 PCN classification

SOM's component EOL notification

2.2 Products affected

VAR-SOM-AM33

2.3 Changes Details

2.3.1 Reason Of changes

Micrel™ has announce the EOL for its KSZ8051RNL Ethernet phy.

<http://www.micrel.com/index.php/en/products/lan-solutions/phys/article/17-ksz8051rnl.html>

The new Pin-2-Pin, drop-in is KSZ8081RNBCA for commercial grade, and KSZ8081RNBIA for the industrial grade

2.3.2 Change Description

Old module: KSZ8051RNL / KSZ8051RNL Ethernet phy

New module: KSZ8081RNBCA / KSZ8081RNBIA Ethernet phy

2.4 Actions required by customer

2.4.1 BSP updates

The ID of the new Ethernet phy should be added to the Linux kernel, which already supports the phy.

3. Part numbers and product shipments

3.1 Part numbers

Previous part number:

VAR-SOM-AM33 v1.3

VAR-SOM-AM335[x]_[xxxx]C_[xxx]R_[xxx]N_[EC]_[AC]_[W]_[[WB]_[x]T_[x]O_V13

New part number:

VAR-SOM-AM33 v1.3A

VAR-SOM-AM335[x]_[xxxx]C_[xxx]R_[xxx]N_[EC]_[AC]_[W]_[WB]_[x]T_[x]O_V13A

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