



VARISCITE LTD

VAR-SOM-AM33

Product change notification: No.2
PCB v1.3

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Variscite Ltd.
9, Hamelacha St.
Lod.
P.O.B 1121
Airport City, 70100
ISRAEL
Phone +972 (9) 9562910 • Fax +972 (9) 9589477

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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 1.3

2. PCN details

2.1 PCN classification

Product manufacturing maintenance

2.2 Products affected

VAR-SOM-AM33

2.3 Changes Details

2.3.1 Reason Of changes

On-board Wi-Fi / Bluetooth module replacement.

The new Wi-Fi / Bluetooth module, LSR TiWi-BLE, offers the following advantages:

- FCC certification by LSR
- Extended range

2.3.2 Change Description

Old module: Murata LBEH59XUHC based on TI WL-1271L

New module: LS Research TiWi-BLE based on TI WL-1271L

2.4 Actions required by customer

2.4.1 BSP updates

New Linux / Android / WEC7 BSPs are backward compatible, including auto-detection of SOM revision, determining the On-SOM clock configuration.

Customers are required to upgrade.

3. Part numbers and product shipments

3.1 Part numbers

Previous part number:

VAR-SOM-AM33 v1.2

VAR-SOM-AM335[x]_[xxxx]C_[xxx]R_[xxx]N_[EC]_[AC]_[WB]_[x]T_[x]O_V12

New part number:

VAR-SOM-AM33 v1.3

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

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5. Contact information

Headquarters

9, Hamelacha St.
Lod.
P.O.B 1121
Airport City, 70100
ISRAEL

Tel: +972 (9) 9562910

Fax: +972 (9) 9589477

Sales: sales@variscite.com

Technical support: support@variscite.com

Website: www.variscite.com

