

Product Change Notification

PCN 1/2026

Issue Date: **October 2026**

Effective Date: **September 2026**

Title: **Increased manufacturing flexibility in LPDDR4/4X memory sourcing.**

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Part Numbers Affected

Board Models	Version	New Version
SpaceSOM-8Mplus StarSOM-8Mplus VisionSOM-8Mmini	All ¹	-

Notes:

1. Selected modules manufactured on or after 1.09.2026 (week 36), may be affected by the changes described in this document. The manufacturing date and serial number can be determined from the Data Matrix code shown in the image below.



The code format is as follows:

2636xxxxx

26 –year of production

36 – week of production

xxxxx – individual serial number

2. The modules covered by this document can be identified by the stylized markings “Rayson” on the memory chip package, as shown in the picture below.



Notification

Pinout Compatibility ☐	Revision Change ☐	
Design Change ☐	SW compatibility ☐	Other ☒

Causes

Introduction of memory modules sourced from a new RAM supplier for selected module variants.

Notification Description

1. To improve supply chain flexibility, we have introduced a new RAM supplier (Rayson Company) to our supply chain. The new memory types are used interchangeably with the existing ones manufactured by Micron and Samsung. The change described in this document applies to the LPDDR4 and LPDDR4X memory types.

Impact on target application

Ad. 1. The RAM may not be initialized correctly during system startup.

Workaround

None.

HW/SW Changes Requirements

Ad. 1. The latest u-boot version must be used, starting from 2024.04_6.6.52-2.2.0

(https://github.com/SoMLabs/somlabs-u-boot-imx/commits/somlabs-imx_v2024.04_6.6.52-2.2.0/).