

Product Change Notice

PCN-S231101

Date of Publication: 2023/11/05

Description of Change:

1. All Nand Flash suppliers rotated the production capacity to BiCS5 version and we will have no BiCS3 supply in the future. So, we change NVME SSD on SOM-7583 from BiCS3 to BiCS5 version.

The minimum capacity of BiCS5 NVME SSD is 64GB.

2. Due to on-board RAM chip EOL, running change to phase in new memory chip and SPD.

Affected Product Model No.:

SOM-7583 Standard P/N and the related T-P/N.

Original P/N	Replacement P/N
1. NVME SSD: 1410030353-01 (32G) SSD SM681GEB AES TBT6HN 32GB PCIe3 x4 TBT6HN TFB	1. NVME SSD: 1410034581-01 (64G) SM681GEC4 AGS TCV9EN SSD 64GB PCIe3x4 TFBGA29
2. Memory: 1410029781-01 IC MT53D1024M32D4DT-053 WT:D 32Gb LPDDR4	2. Memory: 1410030822-11 MT53E1G32D2FW-046 WT:B LPDDR4 1Gx32 TFBGA200
3. SPD: 1420054114 EEPROM SOM-7583 V5.0 CS:0F32 MCP98244T-BE/MNY	3. SPD: 1420058831 EEPROM SOM-7583 8GB V6.0 CS:0D24 M34E04-FMC9TG

Potential impacts to customers:

PCB: no change required

BIOS: no change required

EC Firmware: no change required

OS: no change required

Driver: no change required

Function: no impact

Ordering Information:

No change

Impact of change & recommended action date:

STD-P/N will adopt new NVME SSD, RAM IC & SPD by ECOM-208017 from 2023/11/10.

For T-P/N, please get customers' approval and adopt these new parts as replacements by TPS.

No Fixed BOM yet.

Key Information & Milestones:

ECOM number: ECOM-208017

ECOM released date: **2023/11/10**

Last Time Buy date: **N/A**

Issue by

PM: Janet. Ho