

## Product Change Notice

### PCN-200901

Date of Publication: 09/30/2020

#### Description of Change:

DDR4 SODIMM socket phase out, change to replacement to extend product life cycle.  
No function impact to the effected models. Please refer to appendix for the comparison chart.

#### Affected Product Model No.:

SOM-5962 all series includes STD, T-P/N, fixed BOM P/N  
SOM-5992 all series includes STD, T-P/N, fixed BOM P/N  
SOM-5991 all series includes STD, T-P/N, fixed BOM P/N

Phase Out P/N	Replacement P/N
<b>1. 1651002829-01</b> DDR4 SODIMM H=5.2mm 260P AS0A826-H2SB-7H	<b>1. 1651002829-02</b> DDR4 SODIMM H=5.2mm 260P AP-ADDR0207-P002A
<b>2. 1651002828-02</b> DDR4 SODIMM H=9.2mm 260P ASAA826-EASB0-7H	<b>2. 1651002828-03</b> DDR4 SODIMM H9.2mm 260P AP-ADDR0110-P006A
<b>3. 1651002992-01</b> DDR4 SODIMM H=4mm 260P AS0A826-H4RB-7H	<b>3. 1651002992-02</b> DDR4 SODIMM H=4.0mm 260P ADDR0206-P002A
<b>4. 1651003186-01</b> DDR4 SODIMM H=8mm 260P ASAA826-E8RB0-7H	<b>4. 1651003186-02</b> DDR4 SODIMM H=8.0mm 260P ADDR0070-P010A

#### 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

#### Ordering Information:

No Change

**Impact of change & recommended action date:**

**STD-P/N Users:**

All STD-P/N will adopt the replacement SODIMM sockets when **ECOM-166835**(SOM-5962) & **ECOM-167327** (SOM-5991&SOM-5992) are released on Oct. 8<sup>th</sup>, 2020.

**T-P/N & Fixed BOM P/N users:**

For T-P/N, all T-P/N will implement this change on Oct. 31<sup>th</sup>, 2020.

For fixed BOM P/N, please get customers approval and adopt these new parts as replacements.

**Key Information & Milestones:**

ECOM number: **ECOM-166835**(SOM-5992), **ECOM-167327** (SOM-5991&5992)

ECOM released date: **October 31<sup>th</sup>, 2020**

Last Time Buy date: N/A

**Issue by**

PM: Erin.Hu

## Appendix

- Top side of the board

### Comparison between 1651002829-01& 1651002829-02

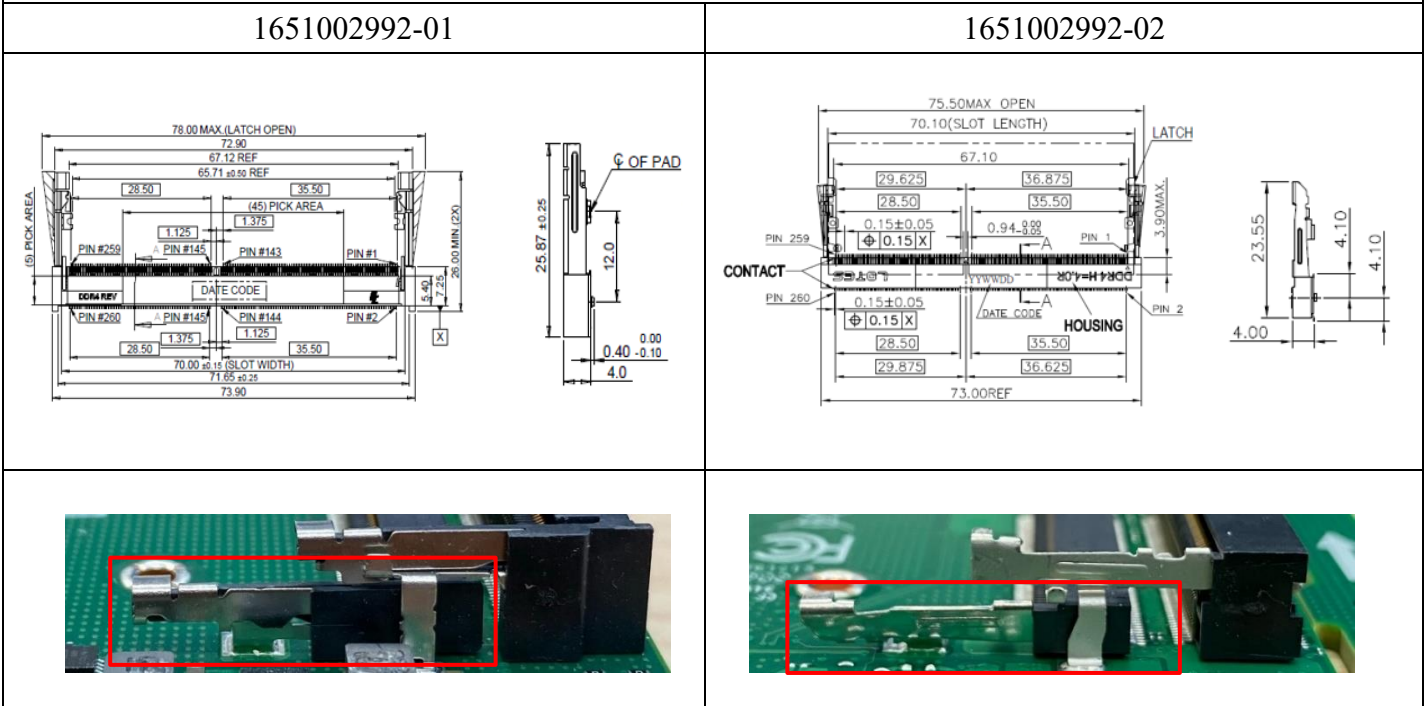
1651002829-01	1651002829-02
<p>Technical drawing of 1651002829-01 showing dimensions and pin locations. Key dimensions include: 78.0 MAX. (LATCH OPEN), 72.1 (66.7), 65.7, 65.7 ±0.3, 1.125, 1.375, 28.50, 35.50, PIN#2, PIN#144, PIN#146, PIN#260, DDR4 STD, DATE CODE, PIN#143, PIN#145, PIN#259, 70.00 ±0.15 (SLOT WIDTH), 71.6, 73.3, 25.7, 12.0, 5.2, 0.35, +0.05, -0.10, 26.0 MIN. (2X), 5.40, 7.25, 12.7 (2X).</p>	<p>Technical drawing of 1651002829-02 showing dimensions and pin locations. Key dimensions include: 75.50 MAX OPEN, 70.10 (SLOT LENGTH), 67.20, 36.625, 29.875, 35.50, 28.50, PIN 2, 0.15 TYP, 0.94 ±0.08, CONTACT, PIN 1, 0.15 TYP, DATE CODE, HOUSING, PIN 260, PIN 259, 73.00 REF, 3.30, 0.70, 0.15 ±0.10, 0.50 ±0.08, SECTION A-A, SCALE 2:1, GAP 0.71, 0.70.</p>
<p>Photograph of 1651002829-01 component on a board. A red box highlights the component.</p>	<p>Photograph of 1651002829-02 component on a board. A red box highlights the component.</p>

### Comparison between 1651002828-02& 1651002828-03

1651002828-02	1651002828-03
<p>Technical drawing of 1651002828-02 showing dimensions and pin locations. Key dimensions include: 78.0 MAX. (LATCH OPEN), 72.1 (66.7), COMPONENT KEEP OUT ZONE, 25.6, 12.0, 8.0, 9.2, 0.00, 0.40, -0.10, 26.0 MIN. (2X), 5.40, 7.25, 12.7 (2X), 35.50, PIN#2, PIN#144, PIN#146, PIN#260, DDR4 STD, DATE CODE, PIN#143, PIN#145, PIN#259, 70.00 ±0.15, 71.5, 73.8.</p>	<p>Technical drawing of 1651002828-03 showing dimensions and pin locations. Key dimensions include: 70.10 (SLOT LENGTH), 67.00, LATCH, 36.625, 29.875, 35.50, 28.50, PIN 2, 0.15 TYP, 0.94 ±0.08, CONTACT, PIN 1, 0.15 TYP, DATE CODE, HOUSING, PIN 260, PIN 259, 73.00 REF, 3.60 MAX, 7.30, 0.70, 0.15 ±0.10, 0.50 ±0.08, SECTION A-A, SCALE 2:1, GAP 0.73, 0.70.</p>
<p>Photograph of 1651002828-02 component on a board. A red box highlights the component.</p>	<p>Photograph of 1651002828-03 component on a board. A red box highlights the component.</p>

• Rear side of the board

Comparison between 1651002992-01 & 1651002992-02



Comparison between 1651002909-01 & 1651002909-02

