

## 9. PCN 613: Hardware Changes

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PCN Classification:

- A - Recall
- B - Customer Action Required
- C - Product Upgrade
- D - Change of Production Line

### 9.1 Products Affected

This PCN describes hardware changes made to the DM3730/AM3703 Torpedo + Wireless SOM. The "New Model Number & Rev" listed below indicates the first SOMs that will be manufactured with the changes described herein.

Affected Model Number & Rev (Part Number)	New Model Number & Rev (Part Number)
SOMDM3730-32-1880AKIR-A (1027267)	SOMDM3730-32-1880AKIR-B (1027809)
SOMDM3730-32-2880AKXR-A (1027271)	SOMDM3730-32-2880AKXR-B (1027810)

### 9.2 Description of Change

#### 9.2.1 NAND/DDR (PoP Memory) Change

Micron issued an End of Life (EOL) notice for the Package-on-Package (PoP) memory component with manufacturer part number MT29C4G96MAZBACJG-5 IT on the DM3730/AM3703 Torpedo + Wireless SOM. A new Micron PoP memory component with manufacturer part number MT29C4G96MAZBCCJV-48 IT is a die shrink update of the previous component and will be used as a replacement.

Beacon EmbeddedWorks re-qualified the DM3730/AM3703 Torpedo + Wireless SOM with the new component and found no software modifications are necessary. Bus timings for the new memory component are compatible with the previous version.

**NOTE:** Beacon EmbeddedWorks recommends purchasing sample units and testing them with your software and manufacturing flow to verify compatibility with your application.

### 9.3 Contact

For additional information, please post a question to the Beacon EmbeddedWorks [Technical Discussion Group \(TDG\) forum](#).<sup>18</sup>

<sup>18</sup> <http://support.beaconembedded.com/TDGForum.aspx>

