

Product Change Notice AB3000 Series 1 and 2 (Production to Legacy)

PCN Number: SIL0055
Notification Date: 13 January 2022

Change Description

Astronics Advanced Electronic Systems (AES) is committed to producing and delivering products with a production life of 10+ years and the AB3000 will exceed this goal. This is increasingly difficult for computing platforms that utilize consumer processors (e.g., Intel) like the AB3000 does. Our product lifecycle strategy is comprised of two main elements:

- Maximize the life span through thoughtful design, monitoring the supply chain, targeted life-time purchases for critical end-of-life components, and targeted re-design for end-of-life components where alternate design options exist
- Technology refreshes of new generation products designed for a balance of product improvements along with backwards compatibility to the previous generation.

In 2020, the Ballard NG3 Avionics I/O Computer was introduced and is now in full production. For many applications, the NG3 is a drop-in replacement for the AB3000. With the NG3 in production, the AB3000 is moving to the Legacy Lifecycle where it is not recommended for new programs. We expect the AB3000 to be available for existing program deliveries, spares, and repairs.

This PCN does not apply to our AB3000 Series N products.

Products Affected

Part Family	Description	Part/Order Numbers	Suggested Alternates**
AB3000 Series 1	AB3000 Avionics I/O Computer	AB3xxxH* AB3xxxV* 11-11033-01	NG3 Family*
AB3000 Series 2	AB3000 Avionics I/O Computer	AB3xxxH2* AB3xxxV2* 40-11033-02	NG3 Family*

*x's indicate potential configurations/options per our part number ordering information. Includes product options including /DT0, /DT1, /DT2, /DT3, /DTALL, /HT, /MS0, /MS32G, /MS128G, /PMCxx, /S01, and /S40.

**The suggested alternates are in many cases pin compatible. See BR244 NG3 Migration Guide for additional information.

Lifecycle Stages	
PRODUCTION	Product is in full production and available for sale
LEGACY	Product is in active production. Not recommended for new designs.
END-OF-LIFE	Product is no longer in active production, availability is limited
OBSOLETE	Product is no longer available and no longer manufactured

Astronics AES
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More Information

To obtain more information about this product change, or obtain technical assistance regarding replacement products, please contact Astronics Ballard Technology:

- By phone: +1.425.339.0281
- By email: Ballard.Support@astronics.com or Ballard.Sales@astronics.com.