

# Product Advisory Notice

## Keeping you informed of product changes

**Product(s):** Centaurus 5

**Reference ID/Date:** e.g. PAN00034-2024-04-24

**Type:**  Design Change  Obsolescence  Product Recall  Other

### Overview

This product advisory notice is to inform of a design change on the Centaurus 5 family of power management devices.

The design change relates to the power board within the unit and the functionality of Outputs 49 and 50. With this change comes new minimum requirements for Toolset, code and metadata version.

### Description of Change

The power board has undergone a design change to allow increased steady state and surge currents on Power Outputs 49 and 50.

The steady state current limit is 25A for 20ms. The existing short circuit protection remains unchanged. The surge current limit is now 100A for 100us.

With this change comes a new Top Level Assembly release: Centaurus 5 Mk2 - 011-610140.

Due to the change, the below minimum Toolset, metadata, application code and auto-coding platform versions should be adhered to:

- Toolset 10.3 – Update 3
- Centaurus Metadata 3.2 (Build 448 – Update 1)
- Centaurus Application 3.2 2023-12-19 (Update 1).code
- Auto-coding Platform - 6.0.46.0 (Beta)

Once connected to the Centaurus 5 Mk2 with Toolset 10.3 there is no visible difference between the Mk1 and Mk2 devices. Both devices will be displayed as "Centaurus 5", this allows setups to remain compatible between devices subject to adhering to the minimum required versioning stated above.

Centaurus 5 Mk2 .code is backwards compatible with the Mk1 device, however Mk1 .code is not compatible with the Mk2 device due to FPGA changes implemented for the new functionality on Outputs 49 and 50.

It should be noted that the Auto-coding Platform 6.0.46.0 for Centaurus 5 Mk2 is currently in Beta.

### Effective Date

This change shall come into effect from December 2023. Existing orders of part 011-610100 placed on/after this date will be fulfilled with the new part 011-610140.

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### Product(s) Affected

Part Number(s)	Description
011-610100	Centaurus 5 Mk1 - Unit now obsolete, replacement part below.
011-610140	Centaurus 5 Mk2 – New TLA release

Authorised by:

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