



Product Change Notification (PCN)

Subject: Obsolescence of EXC-4000 Carrier Boards

Date: August 1, 2025

Document Update Date: November 5, 2025

PCN Effective Date: November 5, 2025

PCN Status: Final Notification

PCN Type: Obsolescence Notice

Products Affected:

- EXC-4000PCI
- EXC-4000PCle
- EXC-4000cPCI
- EXC-4000VME
- EXC-4000VXI
- EXC-664PCle

Description and Reason for Change:

As noted in our previous announcement — [Excalibur | 4000 Obsolescence Notification](#) — the 96-pin mating connector used for our EXC-4000 family of carrier boards has been obsolete for several years. We issued an early warning to help customers plan ahead.

To minimize disruption, we took multiple steps:

- Developed the **EXC-8000 family**, which supports the same module types as the 4000 family, with improved capacity and a modern connector.
- Upgraded our **4000 half cards** to support the full range of **M4K modules**.
- Secured a large last-time buy of the 96-pin connectors to extend the lifecycle of the 4000-product line.

That connector inventory is now depleted. As a result, we are officially declaring the **EXC-4000PCI, EXC-4000PCle, EXC-4000VME, EXC-4000cPCI, and EXC-4000VXI** boards **obsolete** as of **Date of this document**. We can offer the carrier boards without the mating connector or the cable for use with existing projects that need a card replacement.

Migration Guidance

We would like to highlight several points to ease your transition:



- **API Compatibility:** The **M8K modules** for the 8000 family use the **same API** as the M4K modules - **no code recompilation is required.**
- **Channel Count:** Some M8K modules have a lower channel count than their M4K counterparts. However, since 8000-series boards can accommodate more modules, no additional chassis slots are needed. In fact, users benefit from increased dual-port RAM per channel.
- **Module Equivalency: Some modules** — such as all MIL-STD-1553 modules and the 5-channel ARINC-429 module — are functionally identical between M4K and M8K versions.
- For applications requiring only **one or two modules**, the **EXC-4000PCI(e)HC** supports up to two M4K modules and is **fully compatible** with the EXC-4000PCI(e) boards - again, **no code changes are needed.**
- We also offer the **EXC-8000cPCI** board to meet **cPCI** requirements.

Notes

1. Please contact your local representative to discuss **alternative solutions** and migration paths.
2. All **Last Time Buy (LTB)** orders are **non-cancellable and non-returnable (NCNR).**

Please don't hesitate to reach out with any questions or to discuss your specific application requirements. Our team is committed to supporting a smooth transition with minimal disruption to your engineering efforts.

Obsolete Part Number	Replacement Part Number
EXC-4000PCle	EXC-4000PCleHC - for up to 2 modules {uses different connector} EXC-8000PCle {uses different connector}
EXC-4000PCI	EXC-4000PCIHC - for up to 2 modules {uses different connector}
EXC-4000cPCI	EXC-8000cPCI – {uses different connector}
EXC-664PCle	EXC-8000PCle with AFDX module(s) {uses different connector}
EXC-4000VME	No replacement
EXC-4000VXI	No replacement