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## Product Change Notification

**1. ECR #:** 26-44652-1  
**Notification #:** 822

**2. Date of Announcement:** January 21, 2026

**3. Series:**

- ECUO - OPTICAL FIREFLY ASSEMBLY
- DERIVED OTP - null
- ETUO - ETUO

**4. Part #'s Affected**

- ECUO-B04-14
- ETUO-B04-14
- DERIVED OTP

**5. Description of Change:**

The firmware will be updated to 0.14.18 on February 21st. This update will improve the lifetime of Tx channels when disabled. All product shipping after February 22nd will use this new firmware.

**6. Method of Identifying Change**

The firmware version in the memory map will be updated: Byte 71 will read 0x12.

**7. Reason for Change:**

Our laser driver vendor has identified an issue when a part is powered with a Tx channel (or channels) deliberately disabled for extended periods. In this situation, when the channel is re-enabled, there is a potential <0.01% chance that the power output will be lower and unstable, and the signal quality will be degraded, likely affecting channel performance. Samtec is updating the firmware to disable channels using a different method that will not result in this degradation. There is no risk in normal operation, where the channels are not deliberately disabled by the user, and we do not recommend updating parts that already have shipped.

**8. Impact of Change on Form, Fit, or Function:**

- Fit - The memory map firmware version has changed.

**9. Projected Implementation Date:** February 20, 2026

**Disclaimer**

Please review the change notification details listed above for specific information regarding the nature and timing of the change. While Samtec has taken precautions to ensure this change is not detrimental to your application, each application can be unique and therefore customers should consider the effect of the change on their specific application.

Samtec has taken efforts to ensure that all users of this product who have requested change notifications have been informed. However, you should assume that this is the only notification that will be sent and you, as the recipient, must determine how to communicate this information to your organization(s) and customer(s) as appropriate. If you wish to opt out of receiving Samtec Product Change Notification emails, please contact [CustomerECN@samtec.com](mailto:CustomerECN@samtec.com). Due to technical progress, specifications are subject to change without notification and it is recommended to provide an alternative contact when opting out.

Please contact Samtec at [CustomerECN@samtec.com](mailto:CustomerECN@samtec.com) for any questions related to this change.