

ELI43-CP and ELI43-CR

Product Change Notification Form

PCN Number: 20181127-01	Rev: 3.5	Date: 11/27/2018
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Summary of Change: FDI has updated the ELI43-CP and ELI43-CR to improve USB enumeration reliability.

Reason for Change:

In a continuous effort to provide customers with the best ELI experience possible, FDI has made enhancements to the ELI43-CP and ELI43-CR. FDI analyzed ELI performance with many USB Hubs to improve the enumeration process. During this analysis, we found we could improve enumeration time and success rate by making a minor change to our USB hardware and firmware.

Detailed Description of Change:

- 1) Components in the USB circuit have been upgraded to provide improved margin on D+ pullup voltage levels and therefore greater reliability on USB enumeration with certain USB Hubs.
- 2) The USB Touch Controller Software has been updated to provide better default control of the USB circuit during the power up.

Products Affected:

Affected Product	Recommended Replacement Product
ELI43-CR (Rev 3.4)	ELI43-CR (Rev 3.5)
ELI43-CP (Rev 3.4)	ELI43-CP (Rev 3.5)

Availability of new revision stock at distributors:

Distributors will continue to sell through their existing available stock before filling customers' orders with stock of the new revision of the product.

All future shipments from Future Designs, Inc. will contain this improvement.

Forecasted Key Dates and Milestones:

11/27/18 PCN Date. The date this document was released for distribution to customers and distributors.



1/2/19 Production Date for Recommended Replacement Product. The first date that production quantities of the replacement units will be available for customer order.

Reference Documents: <https://www.teamfdi.com/product-details/eli43-cp#documentation>
(documentation tab)

1. [ELI43-CP Brochure.pdf](#)
2. [ELI43-CP Quick Start Guide.pdf](#)

Reference Documents: <https://www.teamfdi.com/product-details/eli43-cr#documentation>
(documentation tab)

1. [ELI43-CR Brochure.pdf](#)
2. [ELI43-CR Quick Start Guide.pdf](#)

FDI Contacts:

For additional information or details please contact any of our franchised Distributors including Avnet, Digi-Key, Mouser and WPGA.

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