



**PCN# : P56EAAB**  
**Issue Date : Jun. 25, 2015**

### **Information Only Notification**

This is to inform you that a change is being made to the following products.

This is a minor change that has no impact on product quality, reliability, electrical or mechanical performance. Affected products will remain fully compliant to all published specifications. Notification is being made for informational purposes only and there is no approval required. Products incorporating this change may be shipped interchangeably with existing unchanged products.

Please contact your local Customer Quality Engineer if you have any questions regarding this notification. Alternatively, you may send an email request for information to [PCNSupport@fairchildsemi.com](mailto:PCNSupport@fairchildsemi.com).

#### **Implementation of change:**

Expected First Shipment Date for Changed Product : Jun. 25, 2015

Expected First Date Code of Changed Product : 1526

Description of Change (From) :  
Datasheet Change Only:

1. Current Datasheet contains "Tinybuck"
2. Figure 1 Application diagram - changing Cout and Gnd Reference
3. ESD (HBM and CDM) notes are missing

Description of Change (To) :

1. Updating Device datasheet to remove "Tinybuck" references
2. Figure 1 Application Diagram will reference COUT and AGND Ground reference for 10K resistor divider
3. Adding Note 1 disclaimer to HBM ESD to state "Exception for FB pin up to 350V"  
Adding Note 2 disclaimer for CDM ESD to state : "Exception for FB pin up to 500V"

Reason for Change:

We are making changes to the datasheet naming of all FAN23xx devices. Changes in the device naming does not affect the electrical characteristics of these devices.

The Applications diagram is being updated to fix existing typos in older datasheets.

For ESD, after further testing, Fairchild noticed that there is a limitation on the ESD, both HBM and CDM only on the FB pin. This results in the following notes being added to datasheet:

- 1) Exception for FB pin up to 350V (HBM)
- 2) Exception for FB pin up to 500V (CDM)

Affected Product(s): Please refer to the list of affected products in the addendum attached in the PCN email you received. This list is based on an analysis of your company's procurement history.

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**Appendix A: Changed Products**

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DIGI-KEY : DIGI-KEY

PCN Number : P56EAAB

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Customer Name : DIGI-KEY CORPORATION

Product	Customer Part Number	BBB	Drawing
FAN2306MMPX		Y	N
FAN2306MPX		Y	N
FAN2310MPX		Y	N
FAN2315MPX		Y	N
FAN2356MPX		Y	N
FAN2360MPX		Y	N
FAN2365MPX		Y	N
FAN23SV04TMPX		Y	N
FAN23SV06MPX		Y	N
FAN23SV06PMPX		Y	N
FAN23SV10MMPX		Y	N
FAN23SV15MMPX		Y	N
FAN23SV56MPX		Y	N
FAN23SV60MPX		Y	N

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**Appendix A: Changed Products**

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DIGI-KEY : DIGI-KEY

PCN Number : P56EAAB

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Customer Name : DIGI-KEY

<b>Product</b>	<b>Customer Part Number</b>	<b>BBB</b>	<b>Drawing</b>
FAN23SV65MPX		Y	N

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**Appendix A: Changed Products**

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DIGI-KEY : DIGI-KEY

PCN Number : P56EAAB

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Customer Name : DIGI-KEY

Product	Customer Part Number	BBB	Drawing
FAN2306MPX		Y	N
FAN2315MPX		Y	N
FAN2356MPX		Y	N
FAN2360MPX		Y	N
FAN2365MPX		Y	N
FAN23SV06PMPX		Y	N
FAN23SV15MMPX		Y	N
FAN23SV56MPX		Y	N
FAN23SV60MPX		Y	N