



**PCN# : P51CAAB**  
**Issue Date : Feb. 04, 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 : Jan. 31, 2015

Expected First Date Code of Changed Product :1505

**Description of Change (From) :**

6 inch wafer diameter for the detector die component of all listed products as per below list.

**Description of Change (To) :**

8 inch wafer diameter for the detector die component of all listed products as per below list.

**Reason for Change:**

Fairchild Semiconductor has closed the 6" fabrication line and qualified a 8" fabrication line. This is to increase the production capacity in our wafer fabrication facilities in USA. This ION complements the PCN P229A, issued on 23rd March 2012. The 8 inch wafer diameter detector die component of the products as per below list, has also been successfully incorporated in products listed in PCN P229A.

This change will have no impact on product quality, reliability, electrical, visual or mechanical performance and affected products will remain fully compliant to all published specifications.

Products incorporating this change may be shipped interchangeably with existing unchanged products. Please contact your local Customer Quality Engineer within 30 days of receipt of this notification if you require any additional data or samples.

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

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<b>Product</b>	<b>Customer Part Number</b>	<b>BBB</b>	<b>Drawing</b>
FOD8320		Y	N
FOD8320R2		Y	N
FOD8320R2V		Y	N
FOD8321		Y	N
FOD8321R2		Y	N
FOD8321R2V		Y	N

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**Appendix A: Changed Products**

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DIGI-KEY CONSIGNMENT : DIGI-KEY C

PCN Number : P51CAAB

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<b>Product</b>	<b>Customer Part Number</b>	<b>BBB</b>	<b>Drawing</b>
FOD8321V		Y	N

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**Appendix A: Changed Products**

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DIGI-KEY CONSIGNMENT : DIGI-KEY C

PCN Number : P51CAAB

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<b>Product</b>	<b>Customer Part Number</b>	<b>BBB</b>	<b>Drawing</b>
FOD8321R2V		Y	N