

**DESIGN/PROCESS CHANGE 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 : Jul. 23, 2012

Expected First Date Code of Changed Product : 1227

Description of Change (From) :  
Current "Emission Angle" characteristics at  $I_F = 100\text{mA}$  is Typically  $40^\circ$

**Electrical / Optical Characteristics** ( $T_A = 25^\circ\text{C}$ )

Symbol	Parameter	Test Conditions	Min.	Typ.	Max.	Units
$2\theta^{1/2}$	Emission Angle	$I_F = 100\text{mA}$		40		$^\circ$

Description of Change (To) :  
Will change the "Emission Angle" characteristics at  $I_F = 100\text{mA}$  as Typically  $30^\circ$ .

**Electrical / Optical Characteristics** ( $T_A = 25^\circ\text{C}$ )

Symbol	Parameter	Test Conditions	Min.	Typ.	Max.	Units
$2\theta^{1/2}$	Emission Angle	$I_F = 100\text{mA}$		30		$^\circ$

Reason for Change:  
To actually apply the current distribution for Emission Angle characteristics.

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**Affected Product(s):**

QED222	QED223	
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