

**DESIGN/PROCESS CHANGE NOTIFICATION**

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

Unless otherwise indicated in the details of this notification, the identified 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.

This change is planned to take effect in 90 calendar days from the date of this notification. Please work with your local Fairchild Sales Representative to manage your inventory of unchanged product if your evaluation of this change will require more than 90 calendar days.

Please contact your local Customer Quality Engineer within 30 days of receipt of this notification if you require any additional data or samples. Alternatively, you may send an email request for data, samples or other information to PCNSupport@fairchildsemi.com.

**Implementation of change:**

Expected First Shipment Date for Changed Product : Feb. 12, 2012

Expected First Date Code of Changed Product :0050

Last Date for Shipment of Unchanged Product : Feb. 12, 2012

Description of Change (From) :

1. NMOS powertrain pre driver dual stage
2. Voltage threshold, entering Auto bypass (high power mode 290mV +/-45mV)

Description of Change (To) :

1. NMOS powertrain pre driver single stage
2. Voltage threshold, entering Auto bypass (high power mode) 340mV +/-45mV

Reason for Change:

Improved device safe operating area (SOA) and increased robustness.

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**Affected Product(s):**

FAN5904UC00X		
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Qualification Plan	Device	Package	Process	No. of Lots
Q20110233	FAN5903UCX	UCBBUA09	FS50BC5FL_3LM	1

Test Description:	Condition:	Standard :	Duration:	Results:
Dynamic Operation Life	125C, 4.2V	JESD22-A108	1000 hrs	0/77
Human Body Model ESD	2250V	JESD22-A114		0/3
Machine Model ESD	200V	JESD22-A115		0/3