



Integrated Device Technology, Inc.  
6024 Silver Creek Valley Road, San Jose, CA - 95138

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: <b>N0906-04</b> Product Affected: <b>8430002AYLF</b>  Date Effective: <b>October 7, 2009</b>	DATE: <b>July 7, 2009</b>	MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input type="checkbox"/> Back Mark <input checked="" type="checkbox"/> Date Code            0925 and above <input checked="" type="checkbox"/> Other                    100% Rescreen Label on the box
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Contact: Rodney Corpuz Title: Product Quality Assurance Phone #: (408) 284-8261 Fax #: (408) 284-1450 E-mail: <a href="mailto:rcorpuz@idt.com">rcorpuz@idt.com</a>	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples: Available now
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**DESCRIPTION AND PURPOSE OF CHANGE:**

<input type="checkbox"/> Die Technology <input type="checkbox"/> Wafer Fabrication Process <input type="checkbox"/> Assembly Process <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input checked="" type="checkbox"/> Testing <input type="checkbox"/> Manufacturing Site <input checked="" type="checkbox"/> Data Sheet <input type="checkbox"/> Other	<p>This notification is to advise our customers that IDT will be updating the datasheet and test parameters for device 8430002AYLF. The VCO Range of the device is being expanded to 490 MHz - 650 MHz and the resolution of the test program is being enhanced to measure the output frequencies more accurately. There is no die change. This is only a datasheet spec and test coverage enhancements.</p>
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**RELIABILITY/QUALIFICATION SUMMARY:**

There is no expected change to the product quality or reliability performance.

**CUSTOMER ACKNOWLEDGMENT OF RECEIPT:**

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 90 days of this notice it will be assumed that this change is acceptable.

IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: _____	<input type="checkbox"/> <i>Approval for shipments prior to effective date.</i>
Name/Date: _____	E-Mail Address: _____
Title: _____	Phone# /Fax# : _____

**CUSTOMER COMMENTS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**IDT ACKNOWLEDGMENT OF RECEIPT:**

RECD. BY: \_\_\_\_\_ DATE: \_\_\_\_\_



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## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT I - PCN # : N0906-04

**PCN Type:** Product Line

**Data Sheet Change:** Yes

#### Details Of Change:

This notification is to advise our customers that IDT will be updating the datasheet and test parameter of device 8430002AYLF to meet customer specifications.

Update VCO Range: From: 490 MHz - 640 MHz  
To: 490 MHz - 650 MHz

The test program will also be enhanced for better test coverage. This enhancement increases the resolution of the test program to measure the output frequency measured through additional, more exhaustive testing of the fractional-m bits than was previously performed. The resolution of the fractional-m bits and measured output frequency are now more closely tested to the limits allowed by the input source tolerance (Xtal input for this case).

There is no change to the die. This is only a datasheet spec and test coverage enhancements.

**Affected Devices:** 8430002AYLF

#### Sample Availability:

Samples are now available for all affected devices.

Please contact your local IDT sales representative for your sample request.