



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

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: <b>N1805-01</b>	Date: June 1, 2018	<b>MEANS OF DISTINGUISHING CHANGED DEVICES:</b> <input checked="" type="checkbox"/> Product Mark    YC die step on mark <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input type="checkbox"/> Other
Product Affected: 8T49N241-xxx FemtoClockNG Universal (Refer Attachment I for the affected part#)		
Date Effective: July 1, 2018		

Contact: Peter Jenkins	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E-mail: <a href="mailto:peter.jenkins@idt.com">peter.jenkins@idt.com</a>	Samples: Samples are available now.

**DESCRIPTION AND PURPOSE OF CHANGE:**

<input type="checkbox"/> Die Technology	This notice is to advise our customers that a quality improvement was made to the part numbers as listed in Attachment I.
<input type="checkbox"/> Wafer Fabrication Process	
<input type="checkbox"/> Assembly Process	
<input type="checkbox"/> Equipment	There is no change to the orderable part number or datasheet specifications.
<input type="checkbox"/> Material	
<input type="checkbox"/> Testing	The change resolves a timing marginality within the feedback divider circuitry where under failing conditions the fractional feedback divider would temporarily latch an incorrect value.
<input type="checkbox"/> Manufacturing Site	
<input type="checkbox"/> Data Sheet	
<input checked="" type="checkbox"/> Other - Die Revision Change	The current version of this device will be discontinued as of the effective date on this notice. For further information please contact your local IDT sales and distribution channels.

**RELIABILITY/QUALIFICATION SUMMARY:**

There is no change in the die technology or process technology of this device. There is no change to AC or DC performance of this device. Quality of this device across temperature and voltage has been improved. The design improvement has been extensively validated through both ATE and bench testing.

**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 30 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. The earlier version will be discontinued after the effective date.

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

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

**IDT ACKNOWLEDGMENT OF RECEIPT:**

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



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### ATTACHMENT I - PCN # : N1805-01

#### Affected Part Numbers

Part Number	Part Number	Part Number	Part Number
8T49N241-039NLGI8	8T49N241-617NLGI8	8T49N241-010NLGI8	8T49N241-030NLGI8
8T49N241-061NLGI	8T49N241-993NLGI	8T49N241-011NLGI	8T49N241-031NLGI
8T49N241-061NLGI8	8T49N241-993NLGI8	8T49N241-011NLGI8	8T49N241-031NLGI8
8T49N241-062NLGI	8T49N241-994NLGI	8T49N241-012NLGI	8T49N241-032NLGI
8T49N241-062NLGI8	8T49N241-994NLGI8	8T49N241-012NLGI8	8T49N241-032NLGI8
8T49N241-501NLGI	8T49N241-997NLGI	8T49N241-013NLGI	8T49N241-034NLGI
8T49N241-501NLGI8	8T49N241-997NLGI8	8T49N241-013NLGI8	8T49N241-034NLGI8
8T49N241-604NLGI	8T49N241-998NLGI	8T49N241-014NLGI	8T49N241-035NLGI
8T49N241-604NLGI8	8T49N241-998NLGI#	8T49N241-014NLGI8	8T49N241-035NLGI8
8T49N241-608NLGI	8T49N241-998NLGI8	8T49N241-015NLGI	8T49N241-036NLGI
8T49N241-608NLGI8	8T49N241-999NLGI	8T49N241-015NLGI8	8T49N241-036NLGI8
8T49N241-612NLGI	8T49N241-999NLGI#	8T49N241-016NLGI	8T49N241-037NLGI
8T49N241-612NLGI8	8T49N241-999NLGI8	8T49N241-016NLGI8	8T49N241-037NLGI8
8T49N241-613NLGI	8T49N241-DEMONLGI	8T49N241-018NLGI	8T49N241-038NLGI
8T49N241-613NLGI8	8T49N241-DEMONLGI8	8T49N241-018NLGI8	8T49N241-038NLGI8
8T49N241-616NLGI	8T49N241NLGI	8T49N241-010NLGI	8T49N241-030NLGI
8T49N241-060NLGI8	8T49N241-628NLGI8	8T49N241-009NLGI8	8T49N241-029NLGI8
8T49N241-060NLGI	8T49N241-628NLGI	8T49N241-009NLGI	8T49N241-029NLGI
8T49N241-054NLGI8	8T49N241-626NLGI8	8T49N241-001NLGI8	8T49N241-020NLGI8
8T49N241-040NLGI	8T49N241-618NLGI	8T49N241-002NLGI	8T49N241-021NLGI
8T49N241-040NLGI8	8T49N241-618NLGI8	8T49N241-002NLGI8	8T49N241-021NLGI8
8T49N241-041NLGI	8T49N241-619NLGI	8T49N241-003NLGI	8T49N241-022NLGI
8T49N241-041NLGI8	8T49N241-619NLGI8	8T49N241-003NLGI8	8T49N241-022NLGI8
8T49N241-042NLGI	8T49N241-620NLGI	8T49N241-004NLGI	8T49N241-023NLGI
8T49N241-042NLGI8	8T49N241-620NLGI8	8T49N241-004NLGI8	8T49N241-023NLGI8
8T49N241-044NLGI	8T49N241-621NLGI	8T49N241-005NLGI	8T49N241-025NLGI
8T49N241-044NLGI8	8T49N241-621NLGI8	8T49N241-005NLGI8	8T49N241-025NLGI8
8T49N241-047NLGI	8T49N241-623NLGI	8T49N241-006NLGI	8T49N241-026NLGI
8T49N241-047NLGI8	8T49N241-623NLGI8	8T49N241-006NLGI8	8T49N241-026NLGI8
8T49N241-048NLGI	8T49N241-624NLGI	8T49N241-007NLGI	8T49N241-027NLGI
8T49N241-048NLGI8	8T49N241-624NLGI8	8T49N241-007NLGI8	8T49N241-027NLGI8
8T49N241-052NLGI	8T49N241-625NLGI	8T49N241-008NLGI	8T49N241-028NLGI
8T49N241-052NLGI8	8T49N241-625NLGI8	8T49N241-008NLGI8	8T49N241-028NLGI8
8T49N241-054NLGI	8T49N241-626NLGI	8T49N241-019NLGI	8T49N241-039NLGI
8T49N241-616NLGI8	8T49N241NLGI8	8T49N241-019NLGI8	
8T49N241-617NLGI	8T49N241-001NLGI	8T49N241-020NLGI	