







<b>PCN Number:</b>	20130501002			<b>PCN Date:</b>	05/03/2013							
<b>Title:</b>	Gladiator revision change from rev B to C											
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Phone:</b>	+1(214)480-6037	<b>Dept:</b>	Quality Services							
<b>Proposed 1<sup>st</sup> Ship Date:</b>	08/03/2013	<b>Estimated Sample Availability:</b>	06/01/2013									
<b>Change Type:</b>												
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Assembly Materials							
<input checked="" type="checkbox"/>	Design	<input type="checkbox"/>	Electrical Specification	<input type="checkbox"/>	Mechanical Specification							
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process							
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material	<input type="checkbox"/>	Wafer Bump Process							
<input type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/>	Wafer Fab Materials	<input type="checkbox"/>	Wafer Fab Process							
<b>PCN Details</b>												
<b>Description of Change:</b>												
Purpose of making the change from revision B to C is to update the die for Errata DEVICE_056, NHET_52, NHET_53, SYS_111												
<b>Reason for Change:</b>												
Resolution of silicon erratas on rev B												
<b>Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):</b>												
None												
<b>Changes to product identification resulting from this PCN:</b>												
<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Current</th> <th style="text-align: center;">New</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>Die REV (2P)</b></td> <td style="text-align: center;"><b>Die REV (2P)</b></td> </tr> <tr> <td style="text-align: center;"><b>B</b></td> <td style="text-align: center;"><b>C</b></td> </tr> </tbody> </table>						Current	New	<b>Die REV (2P)</b>	<b>Die REV (2P)</b>	<b>B</b>	<b>C</b>	
Current	New											
<b>Die REV (2P)</b>	<b>Die REV (2P)</b>											
<b>B</b>	<b>C</b>											
Note: The [2P] location on the label will be 'C' for the new material.												
Sample product shipping label ( <b>not</b> actual product label)												
<table border="1" style="width: 100%;"> <tr> <td style="width: 30%; vertical-align: top;">   <b>TEXAS INSTRUMENTS</b>            MADE IN: Malaysia            2DC: 29:  <table border="1" style="font-size: small;"> <tr> <td>MSL '2 /260C/1 YEAR</td> <td>SEAL DT</td> </tr> <tr> <td>MSL 1 /235C/UNLIM</td> <td>03/29/04</td> </tr> </table>           OPT:            ITEM: 39  <b>LBL: 5A (L)T0:1750</b> </td> <td style="width: 20%; text-align: center; vertical-align: middle;">             G4         </td> <td style="width: 50%; vertical-align: top;">           (1P) SN74LS07NSR            (Q) 2000 (D) 0336            (31T) LOT: 3959047MLA            (4W) TKY (1T) 7523483SI2            (P)            (2P) <b>REV:</b> (V) 0033317            (20L) GGG-SHE (21L) CCO:USA            (22L) ASO: MLA (23L) ACO: MYS         </td> </tr> </table>						 <b>TEXAS INSTRUMENTS</b> MADE IN: Malaysia 2DC: 29: <table border="1" style="font-size: small;"> <tr> <td>MSL '2 /260C/1 YEAR</td> <td>SEAL DT</td> </tr> <tr> <td>MSL 1 /235C/UNLIM</td> <td>03/29/04</td> </tr> </table> OPT: ITEM: 39 <b>LBL: 5A (L)T0:1750</b>	MSL '2 /260C/1 YEAR	SEAL DT	MSL 1 /235C/UNLIM	03/29/04	 G4	(1P) SN74LS07NSR (Q) 2000 (D) 0336 (31T) LOT: 3959047MLA (4W) TKY (1T) 7523483SI2 (P) (2P) <b>REV:</b> (V) 0033317 (20L) GGG-SHE (21L) CCO:USA (22L) ASO: MLA (23L) ACO: MYS
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MSL '2 /260C/1 YEAR	SEAL DT											
MSL 1 /235C/UNLIM	03/29/04											

<b>Product Affected:</b>	
RM48L952PGET	
RM48L952ZWTT	
TMS5702122BPGEQQ1	
TMS5702135BZWTQQ1	
TMS5703137BPGEQQ1	
TMS5703137BZWTQQ1	

### Qualification Data:

This qualification has been specifically developed for the validation of this change for ZWT and PGE packages for revision C. The qualification data validates that the proposed change meets the applicable released technical specifications.

<b>Qualification Schedule:</b>	<b>Start:</b>	04/15/2013	<b>End:</b>	06/15/2013
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Package Type	<u>ZWT</u>	<u>PGE</u>
High Temperature Operating Life 125c (1000 hrs)	231	n/a
Temperature Humidity Bias (500 hrs)	231	n/a
ESD-HBM (2000 v)	42	42
ESD-CDM (500v all pins & 750v corner pins)	10	10
Latch-Up	6	6

<b>Location</b>	<b>E-Mail</b>
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>