**PRODUCT/PROCESS CHANGE NOTICE (PCN)**

<table>
<thead>
<tr>
<th>PCN #: TB1911-01</th>
<th>DATE: November 18, 2019</th>
<th>MEANS OF DISTINGUISHING CHANGED DEVICES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Affected: HS3001, HS3002, HS3003, HS3004 (Shipment in Reel form)</td>
<td>Date Effective: February 18, 2020</td>
<td>Refer to PCN for effective date</td>
</tr>
</tbody>
</table>

**Contact:** IDT PCN DESK  
**E-mail:** idt-pcn@lm.renesas.com

| Attachment: Yes | Samples: N/A |

**DESCRIPTION AND PURPOSE OF CHANGE:**

- Die Technology
- Wafer Fabrication Process
- Assembly Process
- Equipment
- Material
- Testing
- Manufacturing Site
- Data Sheet
- Other - Packaging

This notification is to advise our customers that Renesas has planned to change the quantity per reel from 3000 units per reel to 2500 units per reel. All the other packaging materials remain unchanged.

**RELIABILITY/QUALIFICATION SUMMARY:**

N/A

**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.

<table>
<thead>
<tr>
<th>Customer:</th>
<th>Approval for shipments prior to effective date.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name/Date:</td>
<td>E-Mail Address:</td>
</tr>
<tr>
<td>Title:</td>
<td>Phone# /Fax#:</td>
</tr>
</tbody>
</table>

**CUSTOMER COMMENTS:**


**IDT ACKNOWLEDGMENT OF RECEIPT:**

RECD. BY: ______________________ DATE: ______________________