

To our customers,

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## Old Company Name in Catalogs and Other Documents

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On April 1<sup>st</sup>, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

Renesas Electronics website: <http://www.renesas.com>

April 1<sup>st</sup>, 2010  
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

Send any inquiries to <http://www.renesas.com/inquiry>.

# RENESAS TECHNICAL UPDATE

Nippon Bldg., 2-6-2, Ohte-machi, Chiyoda-ku, Tokyo 100-0004, Japan  
 Renesas Technology Corp.

Product Category	Transistor		Document No.	TN-LTR-A001A/E	Rev.	1.00
Title	Addition of Production Line for MPAK		Information Category	Change or addition of Production Line		
Applicable Product	RQK****DQA,RQJ****DQA Series 2SC5772,2SC5773,2SC5890, 2SD2655,2SB1691	Lot No.	Reference Document			
		all				

1.Applicable Product RQK\*\*\*\*DQA,RQJ\*\*\*\*DQA Series,2SC5772,2SC5773,2SC5890,2SB1691,2SD2655

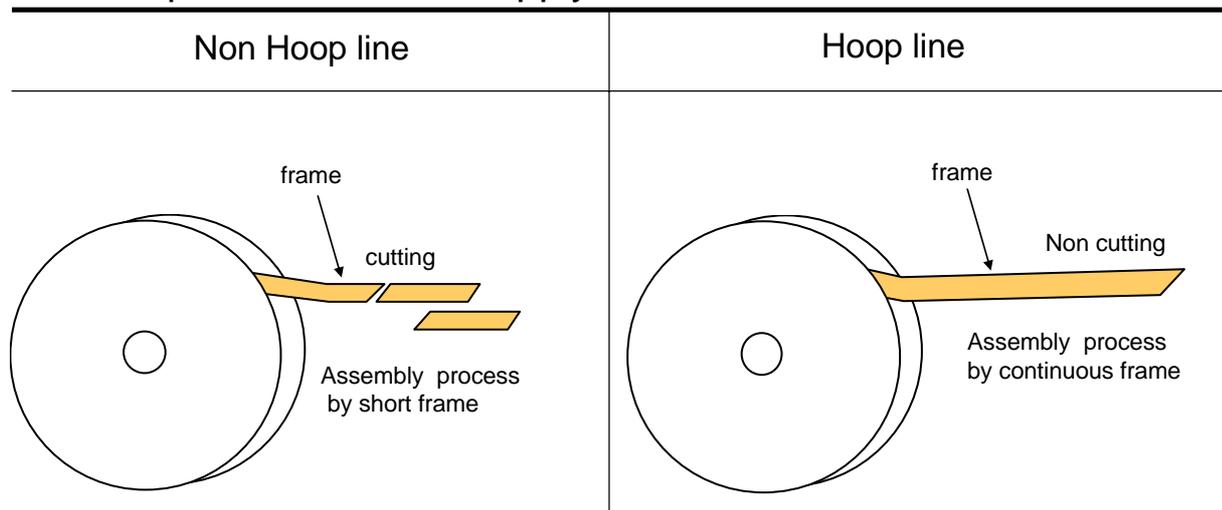
2.Reason Improvement of production efficiency and delivery.

3.Contents It will use the hoop line together in the future though these are produced on the non hoop line now.

The table shows before and after change of assembly line

Assembly line	
before	after
Non Hoop line only	Non Hoop line or Hoop line

## The comparison of frame supply method



4.Schedule We will start the changes from July 2008 gradually.

Delivery of new or current versions depends on stock.

5.Remarks

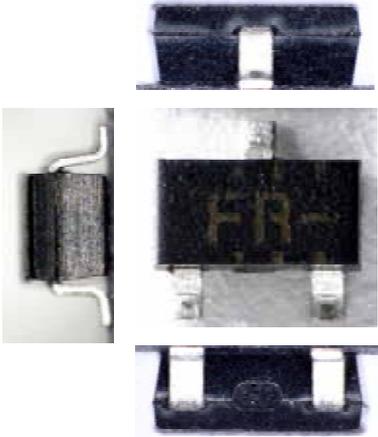
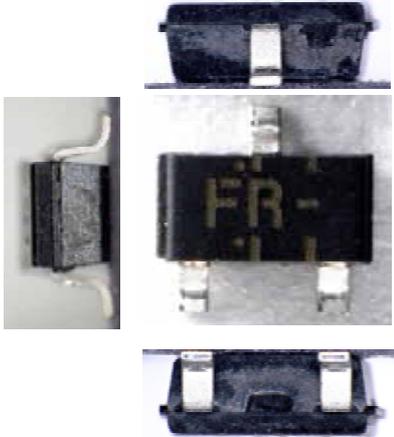
1.After change, there is no change of the guarantee electrical characteristic and the reliability of each product. Renesas Technology Corp. is responsible for the product quality as usual before.

2.Almost small outline package (MPAK,CMPAK,CMAPK-6,CMPAK-4) are produced by Hoop line.

This time, it applies to a comparatively new MPAK transistor product (Refer to the above-mentioned application product for details) in addition to the MPAK transistor product applied so far.

The comparison of externals photograph

1.This is 2SC5772

Non Hoop line	Hoop line
 <p data-bbox="630 1077 746 1122">Magnification :X15</p>	 <p data-bbox="1241 1077 1358 1122">Magnification :X15</p>