

# RENESAS TECHNICAL UPDATE

1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan  
Renesas Electronics Corporation

|                    |                                                                           |                |                      |                    |      |      |
|--------------------|---------------------------------------------------------------------------|----------------|----------------------|--------------------|------|------|
| Product Category   | RF & Microwave device                                                     |                | Document No.         | TN-RFT-A001A/E     | Rev. | 1.00 |
| Title              | Added the packing specification of non-reel for RF & Microwave transistor |                | Information Category | Change of packages |      |      |
| Applicable Product | RF & Microwave device (MMIC, RF transistor)                               | Lot No.        | Reference Document   | N.A                |      |      |
|                    |                                                                           | From July 2014 |                      |                    |      |      |

## 1. Outline and Affected products;

The packing specification of non-reel products is added for RF & Microwave transistors.

Please refer to the table 1 for the applicable product.

## 2. Details of the packing specification of non-reel added

In non-reel products, we will add the following specifications.

The current specification; Magazine case (Fig.1)

Specification after change; Magazine case or Embossed tape 12 mm wide (Fig.2)

## 3. Reason for changes

For unification of packing specification

## 4. Schedule of changes

We are planning to apply from July, 2014 production.

## 5. Electrical characteristics and reliability

There is no influence of the electrical characteristics and reliability by this change.

**Table1 Applicable product list.**

| Package type | Part Number  |
|--------------|--------------|
| 3pPoMM       | 2SC3357-A    |
|              | 2SC4536-A    |
|              | 2SC4703-A    |
|              | NE5500134-A  |
|              | NE5500234-A  |
|              | NE5500434-A  |
|              | NE5550234-A  |
|              | NESG220034-A |
|              | NESG240034-A |
|              | NESG250134-A |
|              | NESG260234-A |
|              | NESG270034-A |
|              | NESG340034-A |
| 4pPoMM       | 2SC5336-A    |
|              | 2SC5337-A    |
|              | 2SC5338-A    |

**Fig.1 Outline of Magazine case**

**Fig.2 Outline of Embossed tape 12 mm wide**
