

To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 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 1st, 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

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Renesas Technology Corp.

Product Category	MPU&MCU		Document No.	TN-WRP-A007A/E	Rev.	1.00
Title	Addition of Shipping Tray Type for LQFP2020 Packages		Information Category	Packing Change		
Applicable Product	Renesas standard packages: LQFP2020-112pin (0.125-mm thick frame) LQFP2020-144pin (0.125-mm thick frame) Please refer to the paragraph 4 below for the detailed package codes.	Lot No.	Reference Document	Non		
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1. Purpose

Tray forming die is added in response to the increasing production of LQFP2020 packages, and for through handling in manufacturing factories, new tray type name is adopted.

2. Contents of Change

(1) Addition of new tray type name

"L196-65A" is adopted as new type name, in addition to the conventional "L196-65".

Adoption of new tray, including the mixed use of new and conventional trays, has no impact on user's mounting process, because the pocket arrangement, pocket pitch, and package loading position of "L196-65A" are exactly the same as those of "L196-65".

(2) Quality check

We have tested the quality of new trays in advance and confirmed no problems with product protection.

3. Applicable Time

New trays are to be applied for the products shipped from August 2007.

4. Applicable Packages

Listed below.

PKG-Code
PLQP0112JA-A (FP-112E, FP-112EV)
PLQP0144KA-A (FP-144L, FP-144LV, 144P6Q-A)
PLQP0176LA-A (176P6R-A)