

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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RenesasTechnology Corp.

Product Category	MPU&MCU		Document No.	TN-SH7-A535A/E	Rev.	1.0
Title	SH7705 Product code change due to IrDA bug fixing		Information Category	Technical Notification		
Applicable Product	HD6417705	Lot No.	Reference Document	SH7705 Group Hardware Manual (REJ09B0082-0200O Rev. 2.00)		
		All				

We have released SH7705 new mask version (B mask version).

We have fixed problem about errata on IrDA function (TN-SH7-509A/EA).

1. Comparison of specifications of the previous mask and B-mask products

RENESAS TECHNICAL UPDATE	Previous mask product	Product with new mask (B-mask product)
Restrictions on using the SH7705 IrDA TN-SH7-509A/EA	With restriction	Measures against the restrictions are applied

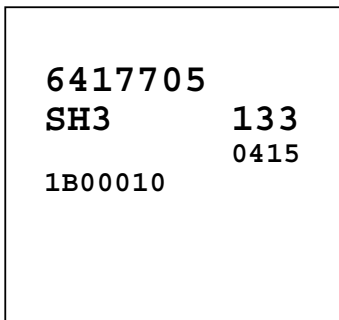
2. Type number of corresponding products with the previous mask and B-mask product.

	Previous Product code	New-mask product code (B mask version)	note
LQFP	HD6417705F133	HD6417705F133B	
	HD6417705F133V	HD6417705F133BV	lead free
	HD6417705F100	HD6417705F100B	
	HD6417705F100V	HD6417705F100BV	lead free
CSP	HD6417705BP133	HD6417705BP133B	
	HD6417705BP133V	HD6417705BP133BV	lead free
	HD6417705BP100	HD6417705BP100B	
	HD6417705BP100V	HD6417705BP100BV	lead free

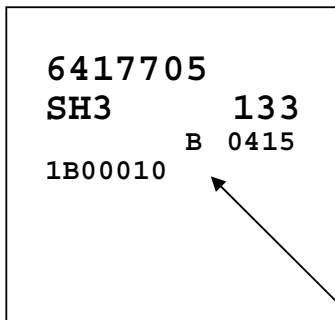
3. Mark example

3.1 LQFP208 Package

(1) Previous mark

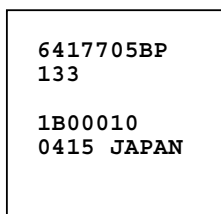


(2) New mask (B mask)

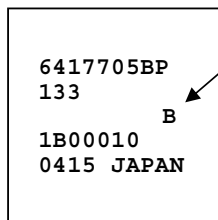


3.2 CSP208 Package

(1) Previous mark



(2) New mask (B mask)



B will be added

4. Electrical Characteristics and LSI reliability

Previous mask and new mask (B mask) version are same.