

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

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Renesas Technology Corp.

Product Category	MPU&MCU		Document No.	TN-SH7-A654A/E	Rev.	1.00
Title	Part number change of SH7785		Information Category	Technical Notification		
Applicable Product	SH7785	Lot No.	Reference Document	SH7785 Hardware Manual Rev.1.0 (REJ09B0261-0100)		
		All lots				

The part number of SH7785 will be changed as follows, because of its mask change. And there is not any change in the electrical characteristics, functions and reliability.

## 1. Part number change

The part number of SH7785 was changed in the following table 1.

Table 1. Part number change

Current part number		New mask part number	
Cataloge part number	Operating temperature	Cataloge part number	Operating temperature
R8A77850ANBGV (P/N:R8A77850AANBGV D/N:R8A77850AANBGV)	-20degC ~ 85degC	R8A77850BANBGV	-20degC ~ 85degC
R8A77850AADBGV	-40degC ~ 85degC	R8A77850BADBGV	-40degC ~ 85degC

## 2. Mark example

The mark example of SH7785 was changed in the following table 2.

Table 2. Mark example change

Current part number		New mask part number	
Cataloge part number		Cataloge part number	
R8A77850ANBGV (P/N:R8A77850AANBGV D/N:R8A77850AANBGV)	R8A77850AADBGV	R8A77850BANBGV	R8A77850BADBGV
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>R8A77850A</b>  <b>SH-4A ANBGV</b>  <b>801F101</b>  <b>JAPAN</b> </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>R8A77850A</b>  <b>SH-4A ADBGV</b>  <b>801F101</b>  <b>JAPAN</b> </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>R8A77850A</b>  <b>SH-4A BNBGV</b>  <b>801F101</b>  <b>JAPAN</b> </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>R8A77850A</b>  <b>SH-4A BDBGV</b>  <b>801F101</b>  <b>JAPAN</b> </div>