

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-32R-A078A/E	Rev.	1.00
Title	M32R/ECU Series Correction of extension connector dimension error in the M3A-2152G02 Product Standards, M3A-2154G02A Product Standards, and M3A-2154G02 Product Standards		Information Category	Technical Notification		
Applicable Product	32176 Group MCU compatible: M3A-2152G52A, M3A-2152G52	Lot No.	Reference Document			
	32185/32186/32192/32195/32196 Group MCU compatible: M3A-2154G52B					
	32192 Group MCU compatible: M3A-2154G52A					

The following show correction of errors in the extension connector dimension which is contained in the MCU evaluation board documentations for the M32R/ECU Series Starter Kit.

The dimension between the extension connectors "17.78" in the corresponding documentations listed in Table 1 is inaccurate. The correct dimension is "19.05."

For detail refer to Figure 1 and Figure 2. The extension connectors can not be mated with when the board is developed with the wrong dimension.

The error in corresponding documentations will be corrected and the latest updates will be provided on Renesas Technology homepage.

Check the latest information on our website before using the M32R/ECU Series Starter Kit.

Global site: <http://www.renesas.com/homepage.jsp>

Table 1 Corresponding Documentation List

Starter Kit Type Name (MCU Evaluation Board Type Name)	Compatible Group	Corresponding Documentation (version)		Revision Documentation (version)	
		Documentation Code	Page	Documentation code	Page
M3A-2152G52A M3A-2152G52 (M3A-2152G02)	32176	M3A-2152G02 Product Standards (Ver.1.01) Oct. 25, 2004		32176 Group Starter Kit User's Manual (Ver.3.00):	
		REJ10B0225-0101	29 (Figure 3-2-1)	REJ10B0224-0300	81
M3A-2154G52B (M3A-2154G02A)	32185/32186/32192 32195/32196	M3A-2154G02A Product Standards (Ver.1.00): Jan. 14, 2006		32185/32186/32192/32195/32196 Group Starter Kit User's Manual (Ver.1.40):	
		-	33 (Figure 3-2-1)	REJ10B0223-0140	77
M3A-2154G52A (M3A-2154G02)	32192	M3A-2154G02 Product Standards (Ver.1.0) Aug. 2, 2004		32192 Group Evaluation Board Product Standards (Ver.1.10):	
		-	32 (Figure 3-2-1)	REJ10B0234-0110	51

Figure 1 shows error in the corresponding documentation and Figure 2 shows correction of the extension connector dimension, respectively. In new revision basic external dimension is provided instead of the pin assignments of extension connector CON1/CON2.

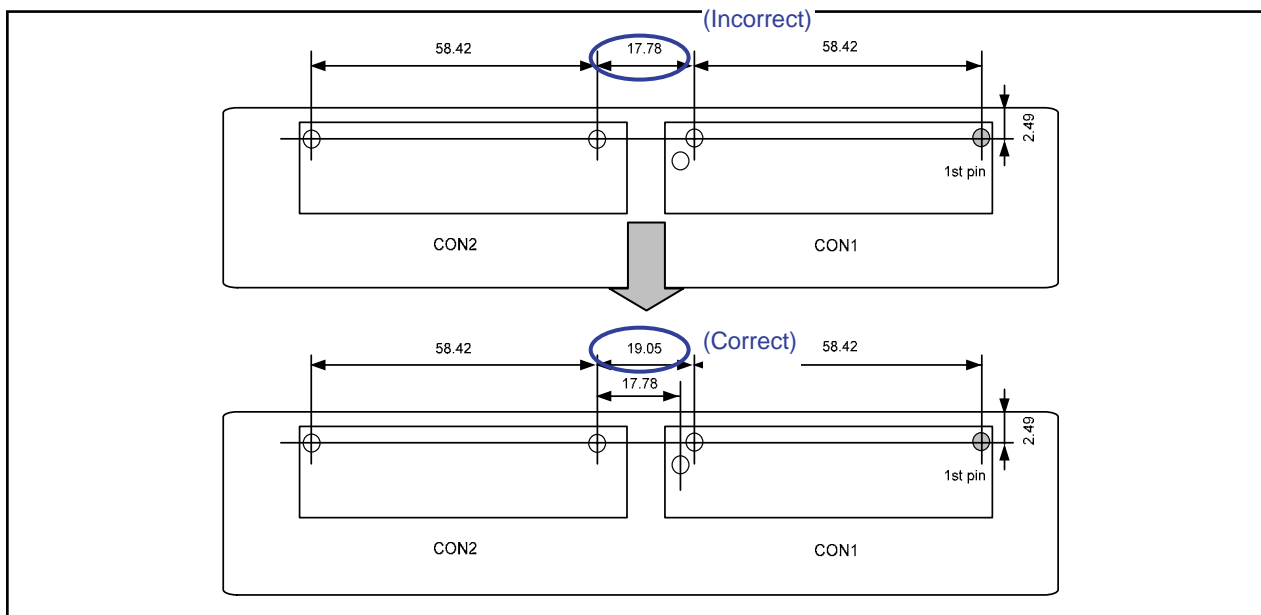


Figure 1 Error in the corresponding documentation

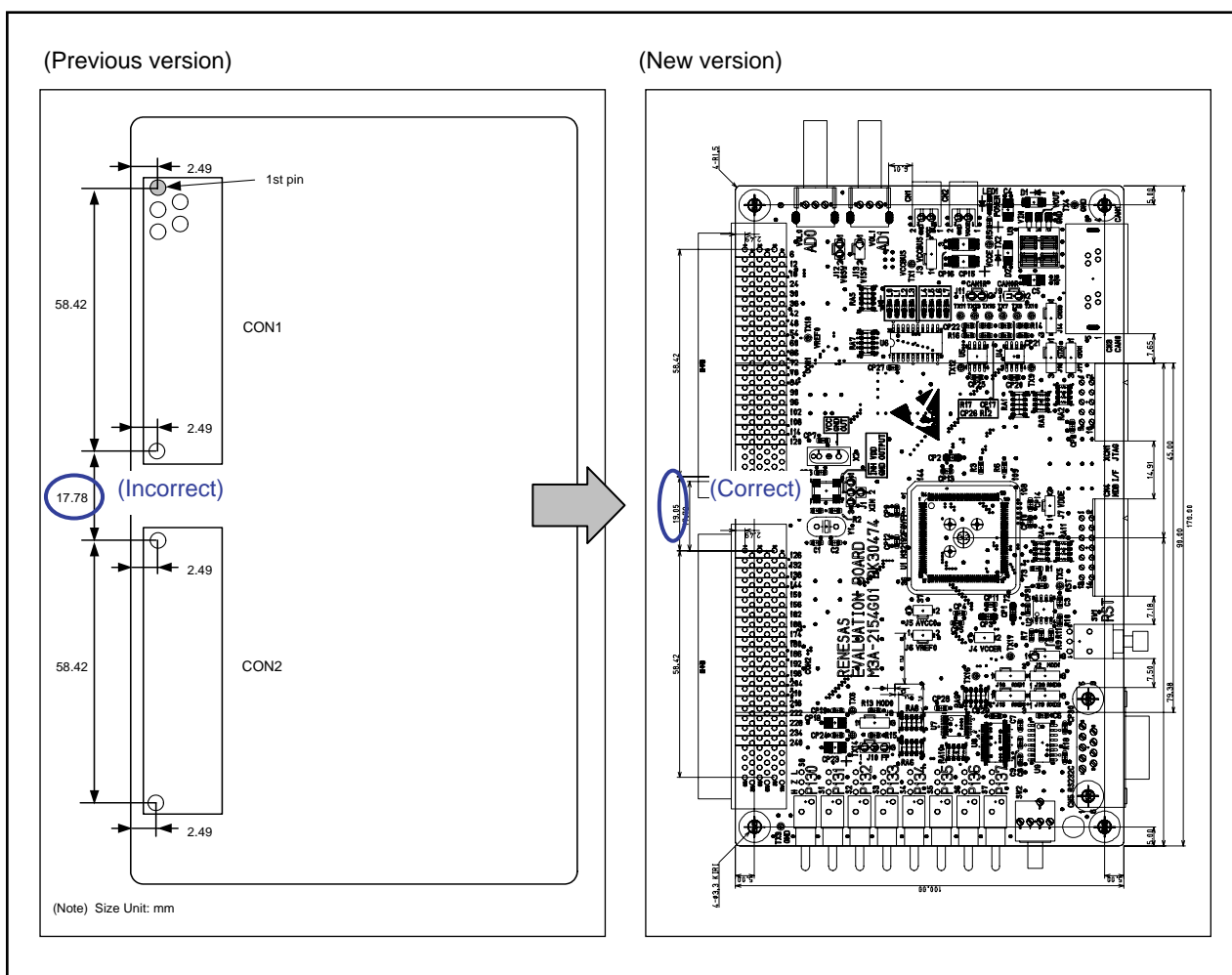


Figure 2 Correction of extension connector dimension