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.



Date: May. 26, 2009

RENESAS TECHNICAL UPDATE

Nippon Bldg., 2-6-2, Ohte-machi, Chiyoda-ku, Tokyo 100-0004, Japan Renesas Technology Corp.

Product Category	MPU/MCU		Document No.	TN-450-A011A/E	Rev.	1.00
Title	4501, 4502, 4506, 4507, 4508, and 4509 Groups Correction of the Misprinted Electrical Characteristics in Datasheet and Customer's Std. Specifications (Supply Current and A/D Operation Current)		Information Category	Technical Notification		
Applicable Product	4501 Group, 4502 Group 4506 Group, 4507 Group 4508 Group, 4509 Group	Lot No.	Reference Document	4501 Group, 4502 Group 4506 Group, 4507 Group 4508 Group, 4509 Group Datasheet and Customer 's Std. Spec.		. Spec.

Please be advised that the datasheet and customer's std. specifications of the above products have been revised due to corrections made to notes of the supply current characteristics (IDD) and A/D operation current (IADD).

1. Applicable Datasheet and Customer's Std. Specifications

Group	Part No.	Datasheet	Customer's std. specifications	
	M34501E4FP		GNOK-M34501E4FP-00	
4501 Group	M34501M2-XXXFP	4501 Group Datasheet	GNOK-M34501M2-XXXFP-00	
	M34501M4-XXXFP	(REJ03B0104-0301)	GNOK-M34501M4-XXXFP-00	
	M34502E4FP		GNOK-M34502E4FP-00	
4502 Group	M34502M2-XXXFP	4502 Group Datasheet	GNOK-M34502M2-XXXFP-00	
	M34502M4-XXXFP	(REJ03B0105-0301)	GNOK-M34502M4-XXXFP-00	
	M34506E4FP		GNOK-M34506E4FP-00	
4506 Group	M34506M2-XXXFP	4506 Group Datasheet	GNOK-M34506M2-XXXFP-00	
	M34506M4-XXXFP	(REJ03B0106-0301)	GNOK-M34506M4-XXXFP-00	
	M34507E4FP		GNOK-M34507E4FP-00	
4507 Group	M34507M2-XXXFP	4507 Group Datasheet	GNOK-M34507M2-XXXFP-00	
	M34507M4-XXXFP	(REJ03B0107-0301)	GNOK-M34507M4-XXXFP-00	
	M34508G4FP		GNOK-M34508G4FP-00	
	M34508G4GP		GNOK-M34508G4GP-00	
	M34508G4-XXXFP		GNOK-M34508G4-XXXFP-00	
4508 Group	M34508G4-XXXGP	4508 Group Datasheet	GNOK-M34508G4-XXXGP-00	
	M34508G4HFP	(REJ03B0148-0102)	GNOK-M34508G4HFP-00	
	M34508G4HGP		GNOK-M34508G4HGP-00	
	M34508G4H-XXXFP		GNOK-M34508G4H-XXXFP-00	
	M34508G4H-XXXGP		GNOK-M34508G4H-XXXGP-00	
	M34509G4FP		GNOK-M34509G4FP-00	
4509 Group	M34509G4-XXXFP	4509 Group Datasheet	GNOK-M34509G4-XXXFP-00	
·	M34509G4HFP	(REJ03B0147-0102)	GNOK-M34509G4HFP-00	
	M34509G4H-XXXFP	,	GNOK-M34509G4H-XXXFP-00	

Date: May. 26 2009

2. Revisions

Notes of the supply current characteristics (IDD) and A/D operation current (IADD) have been revised as follows.

These corrections only apply to the English datasheet and customer std. specification. No revisions were made to the Japanese datasheet and customer std. specification.

Before (Incorrect)

• Electrical characteristics "IDD"

Notes 1: When the A/D converter is used, the A/D operation current (IADD) is included.

• A/D converter characteristics "IADD"

Notes 1: When the A/D converter is used, the IADD is included to IDD.

After (Correct)

• Electrical characteristics "IDD"

Notes 1: When the A/D converter is used, the A/D operation current (IADD) is added.

• A/D converter characteristics "IADD"

Notes 1: When the A/D converter is used, the IADD is added to IDD.

