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RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RX*-A0221A/E	Rev.	1.00
Title	Errata to RX66N Group User's Manual: Hardware Rev.1.00		Information Category	Technical Notification		
Applicable Product	RX66N Group	Lot No. All	Reference Document	RX66N Group User's Manual: Hardware Rev.1.00 (R01UH0825EJ0100)		

This document describes correction to the RX66N Group User's Manual: Hardware Rev.1.00.

• Page 2955 of 3050

The equations in note 3 of Table 61.6, DC Characteristics (3) in section 61.3, DC Characteristics are corrected as follows.

Before correction

Note 3. I_{CC} depends on the f (ICLK) as follows.
(when ICLK : PCLKA : PCLKB/PCLKC/PCLKD : BCLK : BCLK pin = 2 : 2 : 1 : 2 : 1 and EXTAL = 12 MHz)

- D version
  I_{CC} max. = 1.14 × f + 74 (full operation in high-speed operating mode)
  I_{CC} typ. = 0.35 × f + 7 (normal operation in high-speed operating mode)
  I_{CC} typ. = 0.50 × f + 3.7 (ICLK 1 MHz max) (low-speed operating mode 1)
  I_{CC} max. = 0.58 × f + 74 (sleep mode)
- G version
  I_{CC} max. = 1.37 × f + 105 (full operation in high-speed operating mode)
  I_{CC} typ. = 0.35 × f + 7 (normal operation in high-speed operating mode)
  I_{CC} typ. = 0.50 × f + 3.7 (ICLK 1 MHz max) (low-speed operating mode 1)
  I_{CC} max. = 0.75 × f + 105 (sleep mode)

After correction

Note 3. I_{CC} depends on the f (ICLK) as follows.
(when ICLK : PCLKA : PCLKB/PCLKC/PCLKD : BCLK : BCLK pin = 2 : 2 : 1 : 2 : 1 and EXTAL = 12 MHz)

- D version
  I_{CC} max. = 0.82 × f + 113 (full operation in high-speed operating mode)
  I_{CC} typ. = 0.35 × f + 7 (normal operation in high-speed operating mode)
  I_{CC} typ. = 0.50 × f + 3.7 (ICLK 1 MHz max) (low-speed operating mode 1)
  I_{CC} max. = 0.26 × f + 113 (sleep mode)
- G version
  I_{CC} max. = 0.88 × f + 164 (full operation in high-speed operating mode)
  I_{CC} typ. = 0.35 × f + 7 (normal operation in high-speed operating mode)
  I_{CC} typ. = 0.50 × f + 3.7 (ICLK 1 MHz max) (low-speed operating mode 1)
  I_{CC} max. = 0.27 × f + 164 (sleep mode)