

RENESAS TECHNICAL UPDATE

TOYOSU FORESIA, 3-2-24, Toyosu, Koto-ku, Tokyo 135-0061, Japan
Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-RX*-A0273A/E	Rev.	1.00
Title	RX671 Group, RX66N Group, RX72N Group, RX72M Group; Correction of Note Regarding the Specification of the Decoupling Capacitance for Stabilizing the Internal Voltage		Information Category	Technical Notification		
Applicable Product	RX671 Group, RX66N Group, RX72N Group, RX72M Group	Lot No.	Reference Document	User's Manual: Hardware for applicable products (refer to Reference Documents below)		
		All				

This document describes a correction to a note on the decoupling capacitance required for stabilizing the internal voltage in User's Manual: Hardware for the applicable products.

The page and table numbers are based on those of the manual for the RX671 Group. Refer to Reference Documents below for the corresponding page and table numbers in the manuals for other groups.

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The statement of Note 1 under Table 56.3, Recommended Operating Conditions (2) is corrected as follows.

Before correction

Table 56.3 Recommended Operating Conditions (2)

Item	Symbol	Value
Decoupling capacitance to stabilize the internal voltage	C_{VCL}	$0.22 \mu\text{F} \pm 30\%^{*1}$

Note 1. Use a multilayer ceramic capacitor **whose** nominal capacitance **is** $0.22 \mu\text{F}$ **and a** capacitance tolerance **is** $\pm 30\%$ **or better**.

After correction

Table 56.3 Recommended Operating Conditions (2)

Item	Symbol	Value
Decoupling capacitance for stabilizing the internal voltage	C_{VCL}	$0.22 \mu\text{F} \pm 30\%^{*1}$

Note 1. Use a multilayer ceramic capacitor **with a** nominal capacitance **of** $0.22 \mu\text{F}$, **for which the sum of the** capacitance tolerance **and change in the capacitance under the usage conditions will be no greater than** $\pm 30\%$.

•Reference Documents

Group	Manual Title (Document Number)	Page	Table
RX671 Group	RX671 Group User's Manual: Hardware Rev.1.10 (R01UH0899EJ0110)	Page 2943 of 3046	Table 56.3
RX66N Group	RX66N Group User's Manual: Hardware Rev.1.11 (R01UH0825EJ0111)	Page 2951 of 3058	Table 61.3
RX72N Group	RX72N Group User's Manual: Hardware Rev.1.11 (R01UH0824EJ0111)	Page 3125 of 3232	Table 63.3
RX72M Group	RX72M Group User's Manual: Hardware Rev.1.11 (R01UH0804EJ0111)	Page 3253 of 3362	Table 65.3