

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RX*-A0270A/E	Rev.	1.00
Title	RX26T Group, RX660 Group, RX66T Group, RX72T Group; Correction of Note Regarding the Specification of the Decoupling Capacitance for Stabilizing the Internal Voltage		Information Category	Technical Notification		
Applicable Product	RX26T Group, RX660 Group, RX66T Group, RX72T 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 RX26T 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 49.3, Recommended Operating Conditions (2) is corrected as follows.

Before correction

Table 49.3 Recommended Operating Conditions (2)

Item	Symbol	Value
Decoupling capacitance to stabilize the internal voltage	C_{VCL}	$0.47 \mu\text{F} \pm 30\%^1$

Note 1. Use a multilayer ceramic capacitor **whose** nominal capacitance **is** $0.47 \mu\text{F}$ **and a** capacitance tolerance **is** $\pm 30\%$ **or better**.

After correction

Table 49.3 Recommended Operating Conditions (2)

Item	Symbol	Value
Decoupling capacitance for stabilizing the internal voltage	C_{VCL}	$0.47 \mu\text{F} \pm 30\%^1$

Note 1. Use a multilayer ceramic capacitor **with a** nominal capacitance **of** $0.47 \mu\text{F}$, **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
RX26T Group	RX26T Group User's Manual: Hardware Rev.1.10 (R01UH0979EJ0110)	Page 2832 of 2917	Table 49.3
RX660 Group	RX660 Group User's Manual: Hardware Rev.1.00 (R01UH0937EJ0100)	Page 2205 of 2278	Table 45.3
RX66T Group	RX66T Group User's Manual: Hardware Rev.1.21 (R01UH0749EJ0121)	Page 2225 of 2314	Table 45.3
RX72T Group	RX72T Group User's Manual: Hardware Rev.1.00 (R01UH0803EJ0100)	Page 2205 of 2277	Table 46.3