

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RX*-A204A/E	Rev.	1.00
Title	Addition of G Version (Topr = -40 to 105°C) Products to RX65N Group and RX651 Group		Information Category	Technical Notification		
Applicable Product	RX65N Group, RX651 Group		Lot No.	Reference Document	RX65N Group, RX651 Group User's Manual: Hardware Rev.2.10 (R01UH0590EJ0210)	
			All			

The 176-pin package products of G-version (Topr = -40 to 105°C) described as “in planning” in the RX65N Group, RX651 Group User's Manual: Hardware Rev.2.10 are to be shipped.

The following 8 products are started to be shipped.

Table 1. List of G-version Products

Group	Part No.	Package	Code Flash Memory Capacity (bytes)	RAM Capacity (bytes)	Data Flash Memory Capacity (bytes)	Operating Frequency (Max.)	Encryption Module	SDHI/SDSI	Dual Bank	Operating Temperature (°C)
RX65N (G version)	R5F565NEDGFC	PLQP0176KB-A	2 M	640 K	32 K	120 MHz	Not available	Available	Available	-40 to +105
	R5F565NEHGFC	PLQP0176KB-A	2 M	640 K	32 K	120 MHz	Available	Available	Available	-40 to +105
	R5F565NCDGFC	PLQP0176KB-A	1.5 M	640 K	32 K	120 MHz	Not available	Available	Available	-40 to +105
	R5F565NCHGFC	PLQP0176KB-A	1.5 M	640 K	32 K	120 MHz	Available	Available	Available	-40 to +105
RX651 (G version)	R5F5651EDGFC	PLQP0176KB-A	2 M	640 K	32 K	120 MHz	Not available	Available	Available	-40 to +105
	R5F5651EHGFC	PLQP0176KB-A	2 M	640 K	32 K	120 MHz	Available	Available	Available	-40 to +105
	R5F5651CDGFC	PLQP0176KB-A	1.5 M	640 K	32 K	120 MHz	Not available	Available	Available	-40 to +105
	R5F5651CHGFC	PLQP0176KB-A	1.5 M	640 K	32 K	120 MHz	Available	Available	Available	-40 to +105