

RENESAS TECHNICAL UPDATE

1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan
Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-RX*-A029A/E	Rev.	1.00
Title	Corrections to Manual Regarding State of USB Data Bus Lines in Deep Software Standby Mode for RX630 Group		Information Category	Technical Notification		
Applicable Product	RX630 Group	Lot No.	Reference Document	RX630 Group User's Manual: Hardware Rev.1.20 (R01UH0040EJ0120)		
		All				

This document describes corrections to Table 1.1 "Port States in Each Processing State (3/3)" in Appendix 1. "Port States in Each Processing Mode" of RX630 Group User's Manual: Hardware Rev.1.20.

Before Correction

Port Name Pin Name	Operating Mode According to Registers Setting	Reset	Software Standby Mode		Deep Software Standby Mode IOKEEP = 1/0	After Deep Software Standby Mode is Canceled (Return of Start-up Mode)	
			OPE = 1	OPE = 0		IOKEEP = 1	IOKEEP = 0
Port H	All	Hi-Z	Keep-O		<u>Keep-O</u>	Keep	Hi-Z
Port J	All	Hi-Z	Keep-O		Keep	Keep	Hi-Z
Port K	All	Hi-Z	Keep-O		Keep	Keep	Hi-Z
Port L	All	Hi-Z	Keep-O		<u>Keep-O</u>	Keep	Hi-Z
USB0_DM	All	Hi-Z	Keep-O		<u>Keep-O</u>	Hi-Z	
USB0_DP	All	Hi-Z	Keep-O		<u>Keep-O</u>	Hi-Z	

Correction

Port Name Pin Name	Operating Mode According to Registers Setting	Reset	Software Standby Mode		Deep Software Standby Mode IOKEEP = 1/0	After Deep Software Standby Mode is Canceled (Return of Start-up Mode)	
			OPE = 1	OPE = 0		IOKEEP = 1	IOKEEP = 0
Port H	All	Hi-Z	Keep-O		<u>Keep</u>	Keep	Hi-Z
Port J	All	Hi-Z	Keep-O		Keep	Keep	Hi-Z
Port K	All	Hi-Z	Keep-O		Keep	Keep	Hi-Z
Port L	All	Hi-Z	Keep-O		<u>Keep</u>	Keep	Hi-Z
USB0_DM	All	Hi-Z	Keep-O		<u>Hi-Z</u>	Hi-Z	
USB0_DP	All	Hi-Z	Keep-O		<u>Hi-Z</u>	Hi-Z	