

RENESAS TECHNICAL UPDATE

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

Product Category	MPU/MCU		Document No.	TN-RX-A028A/E	Rev.	1.00
Title	Note on Transmit Enable Bit (TE bit) in Serial Communications Interface (SCI) of RX630 Group, RX63N Group, RX631 Group and RX63T Group		Information Category	Technical Notification		
Applicable Product	RX630 Group RX63N Group RX631 Group RX63T Group	Lot No.	Reference Document	RX630 Group User's Manual: Hardware Rev.1.20 (R01UH0040EJ0120) RX63N Group, RX631 Group User's Manual: Hardware Rev.1.00 (R01UH0041EJ0100) RX63T Group User's Manual: Hardware Rev.1.00 (R01UH0238EJ0100)		
		All				

1. Note

When setting the SCR.TE bit to 0 (serial transmission is disabled) while the pin function is "TXDn" (n = 0 to 12), output of the pin becomes high-impedance.

2. Measure

Prevent the TXDn line from becoming high-impedance by any of the following ways:

- (1) Connect a pull-up resistor to the TXDn line.
- (2) Change the pin function to "general-purpose I/O port, output" before setting the SCR.TE bit to 0.

Set the SCR.TE bit to 1 before changing the pin function to "TXDn".