

RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RX*-A047A/E	Rev.	1.00
Title	Improvements to RX210 Group Simple SPI AC Characteristics		Information Category	Technical Notification		
Applicable Product	RX210 Group	Lot No.	Reference Document	RX210 Group User's Manual: Hardware Rev.1.20 (R01UH0037EJ0120)		
		All				

This document describes improvements to AC characteristics of the simple SPI in RX210 Group User's Manual: Hardware Rev.1.20.

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The SS input setup time and SS input hold time of the simple SPI in Table 41.49 are changed as follows:

Before change

Item		Symbol	Min.	Max.	Unit	Test Conditions
Simple SPI	SS input setup time	t_{LEAD}	1	—	t_{SPcyc}	C = 30 pF Figure 41.66 and Figure 41.69
	SS input hold time	t_{LAG}	1	—	t_{SPcyc}	

After change

Item		Symbol	Min.	Max.	Unit	Test Conditions
Simple SPI	SS input setup time	t_{LEAD}	6	—	t_{Pcyc}	C = 30 pF Figure 41.66 to Figure 41.69
	SS input hold time	t_{LAG}	6	—	t_{Pcyc}	