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32-bit Microcontrollers V850ES/Kx2 Document Modification		Document No.	ZBG-CC-06-0043	1/1
		Date issued	November 10, 2006	
		Issued by	1st Solution Group Multipurpose Microcomputer Systems Division 4th Systems Operations Unit NEC Electronics Corporation	
Related documents	V850ES/Kx2 Flash Memory Programming (Programmer) Application Note: U17885EJ2V0AN00 (2nd edition)	Notification classification		Usage restriction
				Upgrade
			√	Document modification
				Other notification

1. Affected products

- V850ES/KE2: μ PD70F3726
- V850ES/KF2: μ PD70F3728, μ PD70F3729
- V850ES/KG2: μ PD70F3731, μ PD70F3732
- V850ES/KJ2: μ PD70F3733, μ PD70F3734

2. Affected document

- V850ES/Kx2 Flash Memory Programming (Programmer) Application Note
Document number: U17885EJ2V0AN00 (2nd edition)

3. Notification details

The errors found in the user's manual, corrections for them, and additional descriptions are described in the attachment.

4. Action

The modification described in the attachment will be reflected in the third edition of the user's manual.

Errors in and descriptions added to V850ES/Kx2 Flash Memory Programming (Programmer) Application Note (2nd Edition)

◆ Correction of errors (p. 240)

<Incorrect>

9.1 Flash Memory Programming Mode Setting Time

Parameter	Symbol	MIN.	TYP.	MAX.
Count start time from RESET↑ to FLMD0 ^{Note 1}	t _{RP}	66,612/fx		
Count finish time from RESET↑ to FLMD0 ^{Note 1}	t _{RPE}			549,591/fx
Wait for Reset command (CSI/CSI + HS)	t _{RC}	791,780/fx		3 s
Wait for low-level data 1 (UART)	t _{R1}			3 s

<Correct>

9.1 Flash Memory Programming Mode Setting Time

Parameter	Symbol	MIN.	TYP.	MAX.
Count start time from RESET↑ to FLMD0 ^{Note 1}	t _{RP}	33,740/fx		
Count finish time from RESET↑ to FLMD0 ^{Note 1}	t _{RPE}			132,276/fx
Wait for Reset command (CSI/CSI + HS)	t _{RC}	181,787/fx		3 s
Wait for low-level data 1 (UART)	t _{R1}			3 s

◆ Addition of condition (p. 241)

9.2 Programming Characteristics

Wait	Condition	Symbol	Serial I/F	MIN.	MAX.
From Status command frame reception until status frame transmission	Chip Erase	tsf	CSI	2,160/fx	3 s
	Block Erase			1,800/fx	
	Programming			1,320/fx	
	Verify				
	Block Blank Check				
	Security Set			1,920/fx	
	Other Command			1,320/fx	