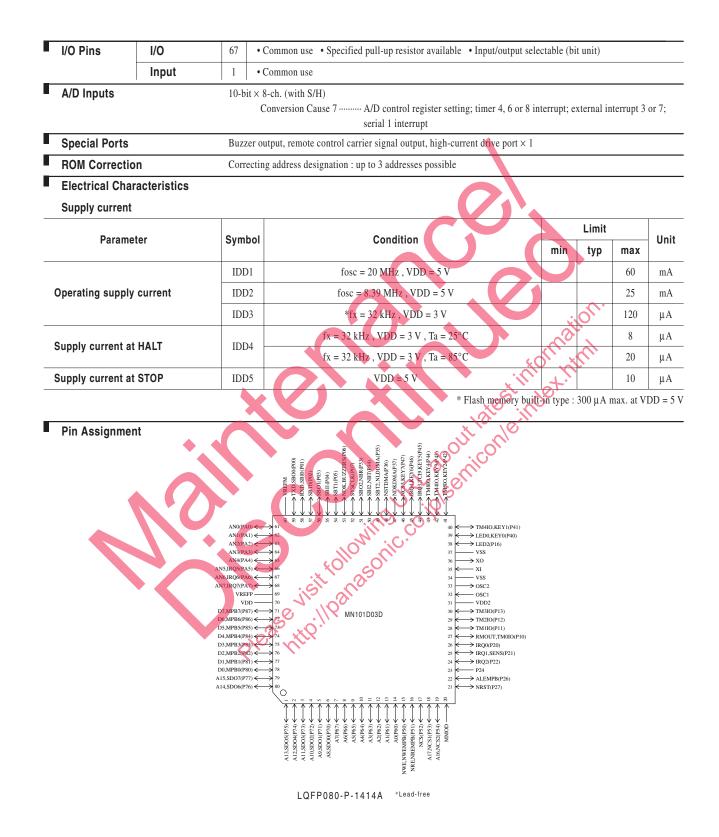
□ MN101D03D

Туре	MN101D03D		
ROM (×8-bit)	64 K		
RAM (×8-bit)	2 K		
Package	LQFP080-P-1414A *Lead-free		
Minimum Instruction Execution Time	0.10 µs (at 4.5 V to 5.5 V, 20 MHz) 0.238 µs (at 2.7 V to 5.5 V, 8.39 MHz)*1 125 µs (at 2.0 V to 5.5 V, 32 kHz)*2 *1 The lower limit for operation guarantee for flash memory built-in type is 4.5 V. *2 The lower limit for operation guarantee for EPROM built-in type is 2.3 V.		
Interrupts	 RESET • Watchdog • External 0 • External 1 • External 2 • External 3 • External 4 • External 5 • External 6 • External 7 • Timer 0 • Timer 1 • Timer 2 • Timer 3 • Timer 4 • Timer 5 • Timer 6 • Time base • Timer 7 (2 systems) • Timer 8 (2 systems) • Serial 0 reception • Serial 0 transmission • Serial 1 • Serial 2 • Automatic transfer finish • A/D conversion finish • Key interrupts (8 lines) 		
Timer Counter	Timer counter 0 : 8-bit × 1 (square-wave output [timer pulse output], PWM output, event count, remote control carrier output, simple pulse width meausurement function) Clock source		
	Timer counter 1 : 8-bit × 1 (square-wave output [timer pulse output], event count, timer synchronous output) Clock source		
	Timer counter 2 : 8-bit × 1 (square-wave output [timer pulse output], PWM output, event count, timer synchronous output, simple pulse with meausurement function) Clock source		
	Timer counter 3 : 8-bit X 1 (square-wave output[fimer pulse output], event count, remote control carrier output) Clock source		
	Timer counter 4 : 8-bit × 1 (square-wave output [timer pulse output], PWM output, event count, simple pulse width meausurement function Clock source		
	Timer counter 5 : 8-bit × 1 (square-wave output [timer pulse output], event count) Clock source		
	Timer counter 4, 5 can be cascade-connected.		
	Time base timer Clock source		
	Timer counter 6 : 8-bit freerun timer Clock source		

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MN101D03D





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Support Tool

	PX-ICE101C / D + PX-PRB101D03-LQFP080-P-1414A		
EPROM Built-in Type	Туре	MN101DP03FAL	
	ROM (× 8-bit)	96 K	
	RAM (× 8-bit)	4 K	
	Minimum instruction execution time	0.10 μs (at 4.5 V to 5.5 V, 20 MHz)	
		0.238 μs (at 2.7 V to 5.5 V, 8.39 MHz)	
		125 µs (at 2.3 V to 5,5 V, 32 kHz)	
	Package	LQFP080-P-1414A *Lead-free	
Flash Memory Built-in Type	Туре	MN101DF03D	
	ROM (× 8-bit)	64 K	
	RAM (× 8-bit)	2 K	
	Minimum instruction execution time	0.10 µs (at 4.5 V to 5.5 V, 20 MHz)	
		0.238 μs (at 4.5 V to 5.5 V, 8.39 MHz)	
	Package	LQFP080-P-1414A *Lead-free	
•		0.238 µs (at 4.5 V to 5.5 V, 8.39 MHz) LQFP080-P-1414A *Lead-free Internet internet	

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