## $\square$ MN101C35D

| Type | MN101C35D |
| :---: | :---: |
| ROM (x8-bit) | 64 K |
| RAM (x8-bit) | 2 K |
| Package | QFP100-P-1818B * Lead-free |
| Minimum Instruction Execution Time | $0.25 \mu \mathrm{~s}$ (at 2.7 V to $5.5 \mathrm{~V}, 8 \mathrm{MHz}$ ) $125 \mu \mathrm{~s}$ (at 2.2 V to $5.5 \mathrm{~V}, 32 \mathrm{kHz}$ )* * The lower limit for operation guarantee for EPROM built-in type is 2.7 V. |
| Interrupts | $\cdot$ RESET •Watchdog •External $0 \cdot$ External $1 \cdot$ External $2 \cdot$ External 3•External $4 \cdot$ Timer 0 <br> - Timer 1 •Timer $2 \cdot$ Timer $3 \cdot$ Timer $4 \cdot$ Timer 5 - Time base •Serial 0 - Serial $1 \cdot$ Serial 2 <br> - Automatic transfer finish •A/D conversion finish - Key scan |
| Timer Counter |  |
|  | Watchdog timer <br> Interrupt source $\qquad$ 1/2097152 of system clock frequency |

Serial 0 : synchronous type/simple UART (half-duplex) $\times 1$
Clock source $\cdots \cdots . . . . . . . . . . . . . . ~ 1 / 2,1 / 4,1 / 16$ of system clock frequency; $1 / 2$ of timer counter 3 frequency
Serial 1 : synchronous type $\times 1$

Serial 2 : synchronous type/simple $\mathrm{I}^{2} \mathrm{C} \times 1$





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