



16-bit/100-pin microcontroller with large-capacity memory and various timers and I/O functions

Features

TLCS-900/L1 CPU Core

·Operating voltage:

2.7 to 5.5 V

·Minimum instruction execution time: 160 ns (at 25 MHz/ 4.5 to 5.5 V) 250 ns (at 16 MHz/ 2.7 to 5.5 V)

·Internal ROM: 128 Kbytes ·Internal RAM: 8 Kbytes

Built-in Functions

·10-bit AD converter : 16 channels ·SIO/UART : 3 channels $\cdot I^2C$: 2 channels ·8-bit timer : 6 channels ·16-bit timer 5 channels

·32 kHz timer

·Program patch logic : 6 banks

Development Systems

Software Products

	('('omniler	SW96CN0-ZCC: 1 license SW96CN3-ZCC: 10 licenses
Toshiba Integrated Development Environment	Integrated Development	SW00MN0-ZCC: 1 license SW00MN3-ZCC: 10 licenses The controller comes with a single-seat download license.
Real-Time OS (µITRON 3.0)		SW96RN2-ZCC: Object code can be freely copied SW96RNC-ZCC: Object code can be freely copied. With source code.

Hardware Products Emulator

model 25 system	Controller	BM1055R0C
model 23 system	Emulation pod	BM91FW64F0A-GM
	Controller	BM1040R0A
model 15 system	Emulation pod	BM91FW64F0A-GM

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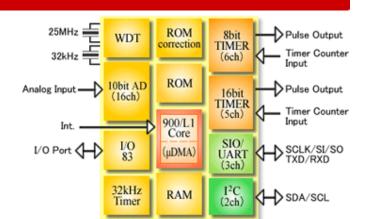
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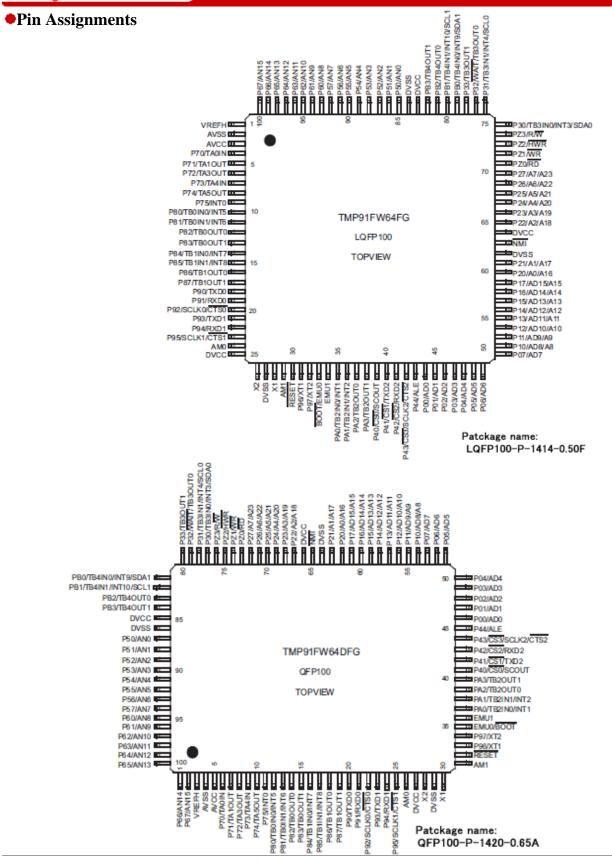
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