

Microcontroller, M16C Family, R32C/100 Series, R32C/111 Group Microcontrollers, R32C/100, 16bit

Manufacturers	Renesas Technology Corp
Package/Case	100-LQFP
Product Type	Embedded Processors & Controllers
RoHS	Green
Lifecycle	



Images are for reference only

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General Description

Features

16-bit Multifunction Timer (Timers A and B, incl. three-phase motor control timer): 11

Serial Interface: Asynchronous/synchronous serial interface, 9 channels

10-bit A/D Converter: 26 channels

8-bit D/A Converter: 2

CRC Calculator

X-Y Converter

Intelligent I/O

Time Measurement (Input Capture): 16-bit x 16

Waveform Generation (Output Compare): 16-bit x 19

Serial Interface

DMAC: 4 channels

DMAC II: Can be activated by any peripheral interrupt sources

Watchdog Timer

External Interrupt Inputs: 11

Clock Generation Circuits: Main clock, Sub clock, PLL, On-chip Oscillator

Oscillation Stop Detector

Voltage Detector (optional)

I/O Ports: 84

Data Flash: 4 KB × 2 blocks

Related Products



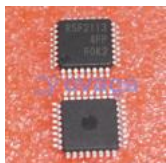
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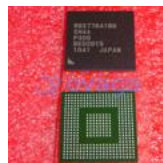
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