

MCU 16-bit H8 CISC 256KB Flash 3.3V/5V 100-Pin PQFP

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	QFP100
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HD64F3064BF25V or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

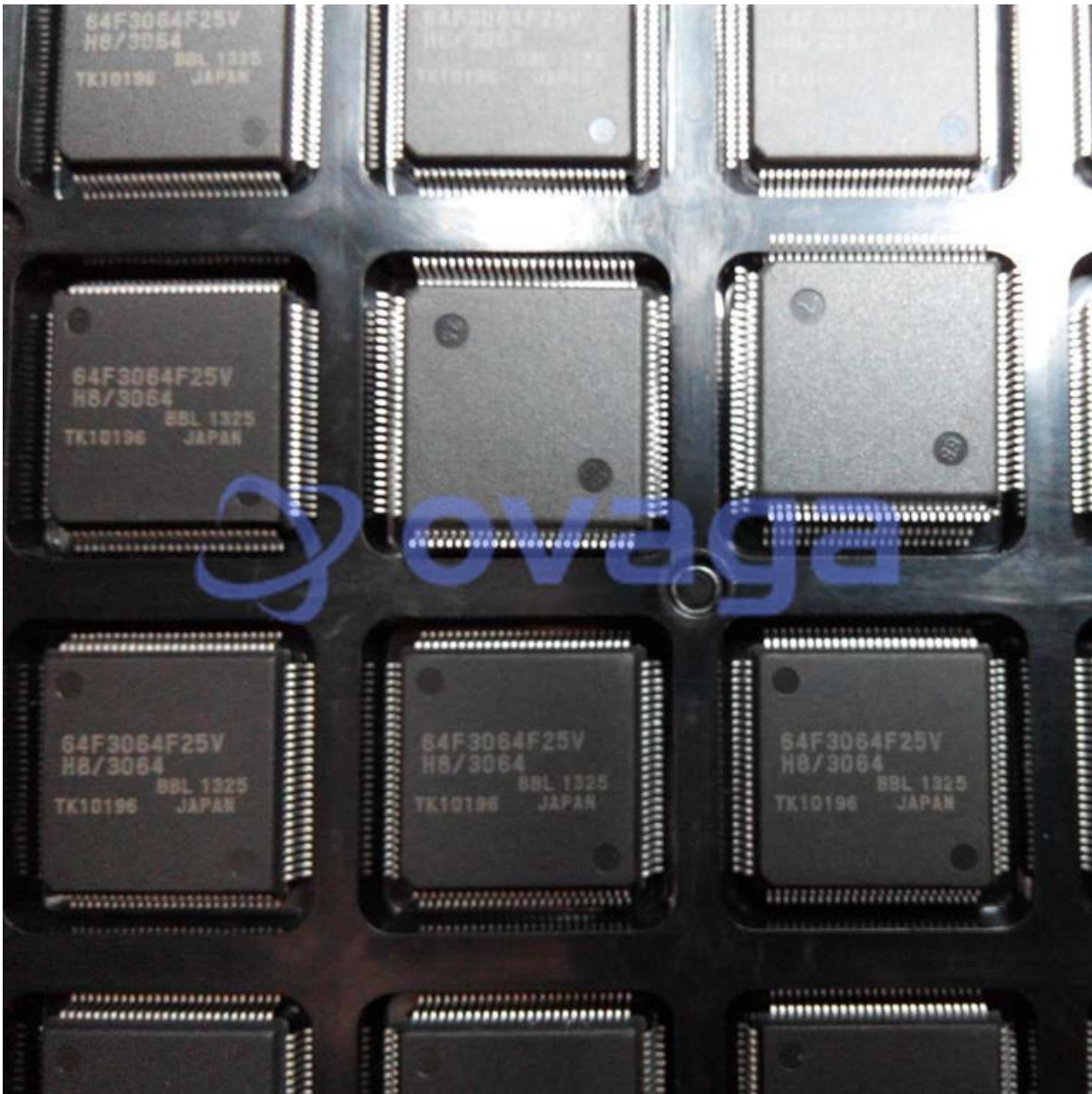
HD64F3064BF25V is a microcontroller unit (MCU) manufactured by Renesas Electronics Corporation. It belongs to the HD64F series of microcontrollers and is designed for embedded control applications.

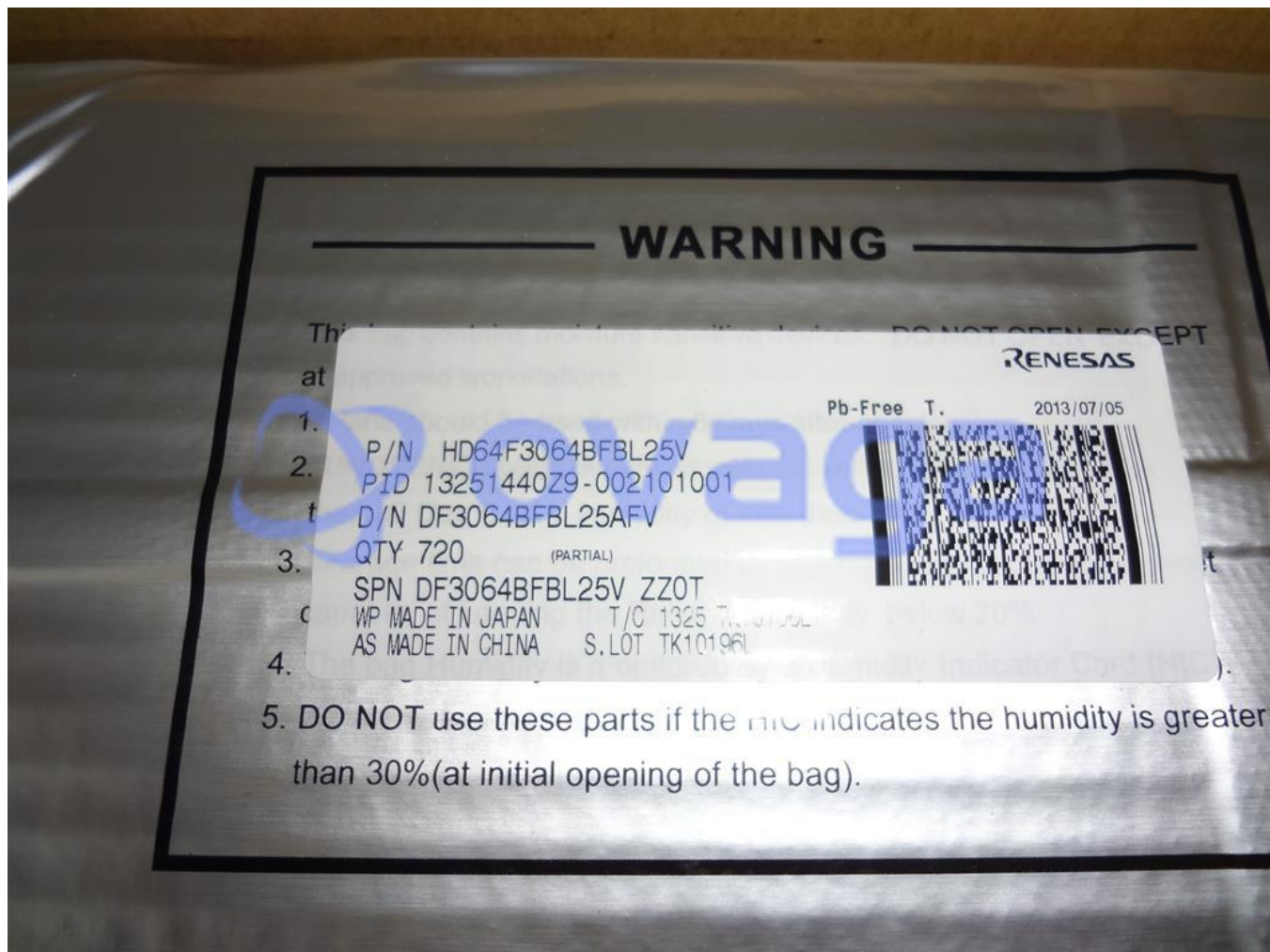
## Features

- 16-bit CISC architecture
- 64 KB flash memory
- 4 KB RAM
- 10-bit A/D converter
- 16-bit timer/counter
- Multiple communication interfaces, including UART, I2C, and SPI
- Operating voltage range: 2.7 V to 5.5 V
- Operating temperature range: -40°C to 85°C

## Application

- Industrial control systems
- Consumer electronics
- Home appliances
- Automotive systems
- Medical devices
- Security systems





### Related Products



#### [HD64F36077GHV](#)

Renesas Technology Corp  
LQFP64



#### [HD64F3039F18V](#)

Renesas Technology Corp  
QFP-80



#### [HD64F3664H](#)

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64-BQFP



#### [HD6417705F133BV](#)

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QFP-20



#### [HD6417727BP160CV](#)

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BGA-240



#### [HD64F3687HV](#)

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QFP64



#### [HD64F2643FC25V](#)

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#### [HD64F2218UTF24V](#)

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QFP100