

Manufacturers	Renesas Technology Corp
Package/Case	QFP144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HD64F2378BVFQ35V or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

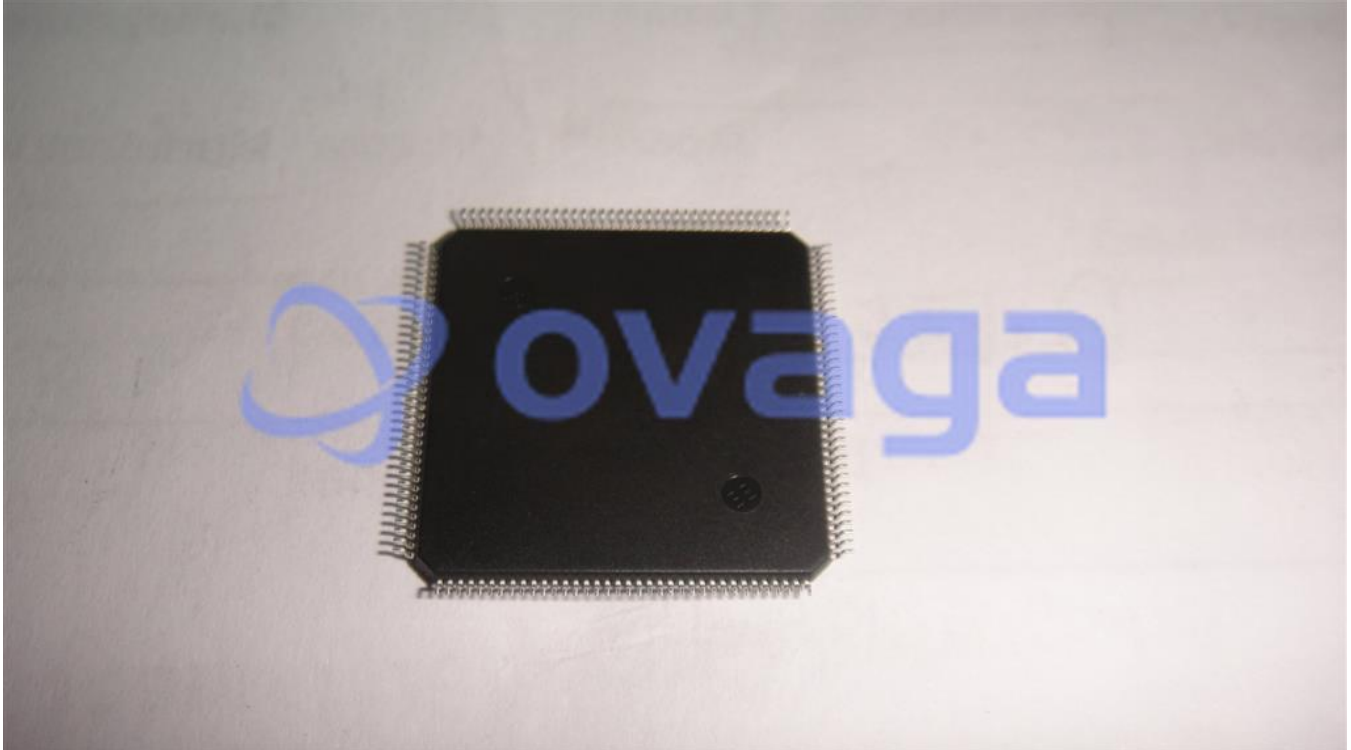
HD64F2378BVFQ35V is a microcontroller manufactured by Renesas Electronics. It belongs to the H8SX family of 16-bit microcontrollers and is designed for embedded applications that require high performance and low power consumption.

Features

- 16-bit H8SX CPU core operating at up to 50MHz
- 512KB flash memory and 32KB RAM
- 12-bit A/D converter with 32 channels
- 2-channel D/A converter
- Multiple communication interfaces such as UART, I2C, SPI, CAN, and USB
- PWM timer, watchdog timer, real-time clock, and other peripheral functions

Application

- Automotive control systems
- Industrial control and automation systems
- Medical equipment
- Consumer electronics
- Security systems
- Robotics



Related Products



[HD6412352F20V](#)

Renesas Technology Corp
QFP128



[HD64F2138AFA20V](#)

Renesas Technology Corp
QFP80



[HD64F2144AFA20V](#)

Renesas Technology Corp
QFP100



[HD6417709SHF200BV](#)

Renesas Technology Corp
QFP



[HD6417750F167V](#)

Renesas Technology Corp
208-BFQFP Exposed Pad



[HD64F3062BF25V](#)

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PQFP-100



[HD6417727F100CV](#)

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240-BFQFP



[HD64F7065AF60V](#)

Renesas Technology Corp
176-LQFP