

RENESAS MCU M16C FAMILY / M16C/60

Manufacturers	Renesas Technology Corp
Package/Case	100-BQFP
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R5F3650TNFA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

General Description

R5F3650TNFA is a microcontroller from the Renesas RX Family, which is a 32-bit microcontroller built on the Renesas RXv2 core architecture. The device has the following features:

Features

Operating voltage range of 1.62 V to 3.6 V

Maximum CPU frequency of 40 MHz

512 KB of flash memory and 64 KB of RAM

12-bit A/D converter, 10-bit D/A converter, and 14-bit delta-sigma D/A converter

Communication interfaces include USB 2.0 full-speed, UART, SPI, and I2C

Timer and pulse-width modulation (PWM) functions

Security functions, including a hardware encryption engine and a true random number generator

Application

Motor control

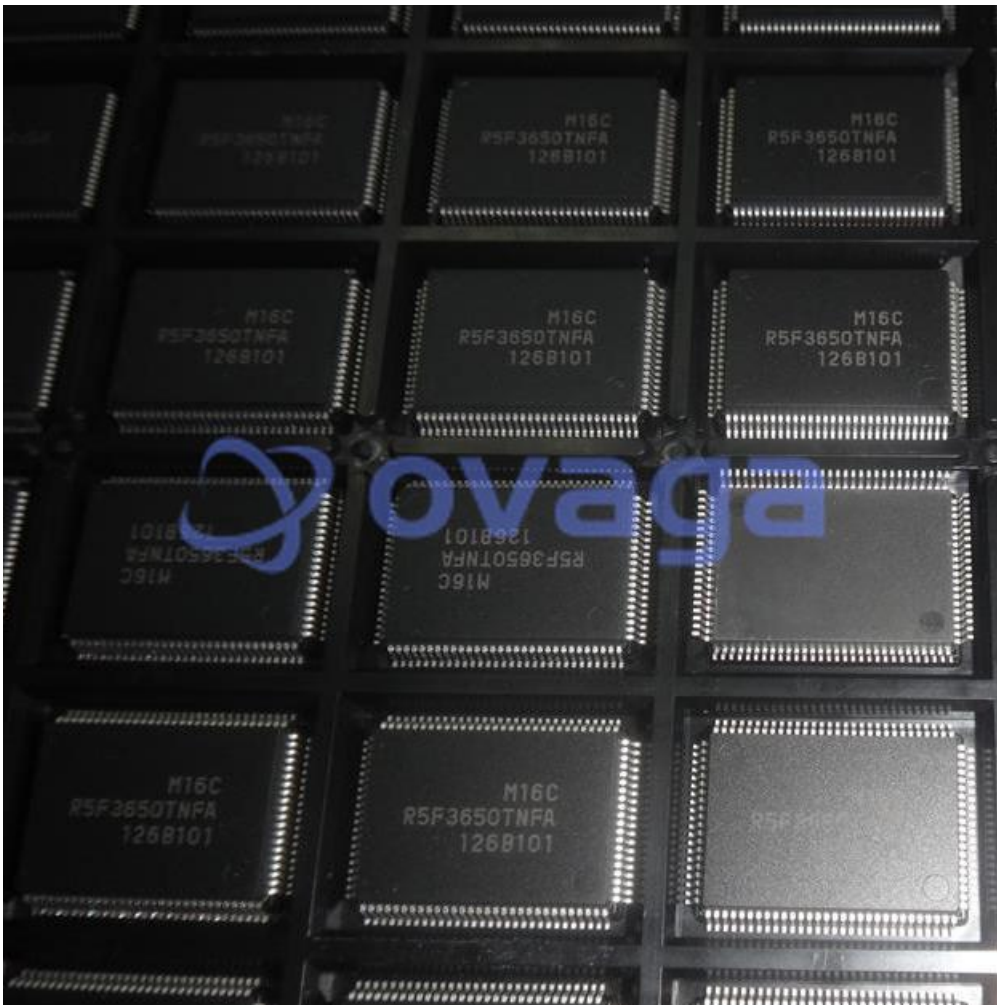
Sensor-based systems

Human-machine interface (HMI)

Industrial networking

Home appliances

Audio equipment



Related Products



[R5F21276NFP](#)

Renesas Technology Corp
QFP32



[R5F61653N50FTV](#)

Renesas Technology Corp
TQFP120



[R5F61664N50FPV](#)

Renesas Technology Corp
LQFP-144



[R5F3640MDFAR](#)

Renesas Technology Corp
QFP-100



[R5F71494FPV](#)

Renesas Technology Corp
QFP-100



[R5S61651CN50FPV](#)

Renesas Technology Corp
QFP-120



[ISL99380FRZ-TR5935](#)

Renesas Technology Corp



[R5F524T8ADFM](#)

Renesas Technology Corp