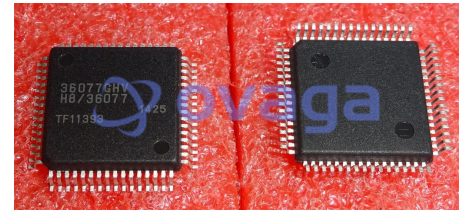


Microcontroller, H8 Microcontrollers, 16bit, 20 MHz, 56 KB, 4 KB

Manufacturers	Renesas Technology Corp
Package/Case	LQFP64
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HD64F36077GHV or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

HD64F36077GHV is a microcontroller chip developed by Renesas Electronics. Here are some of its features:

Features

32-bit RISC CPU with a maximum operating frequency of 80 MHz

256KB flash memory and 16KB RAM

12-bit A/D converter with 16 channels

10-bit D/A converter with 2 channels

Multiple communication interfaces, including UART, I2C, SPI, and CAN

Timers and PWM channels for various control applications

Operating voltage range of 2.7V to 5.5V

Operating temperature range of -40°C to 85°C

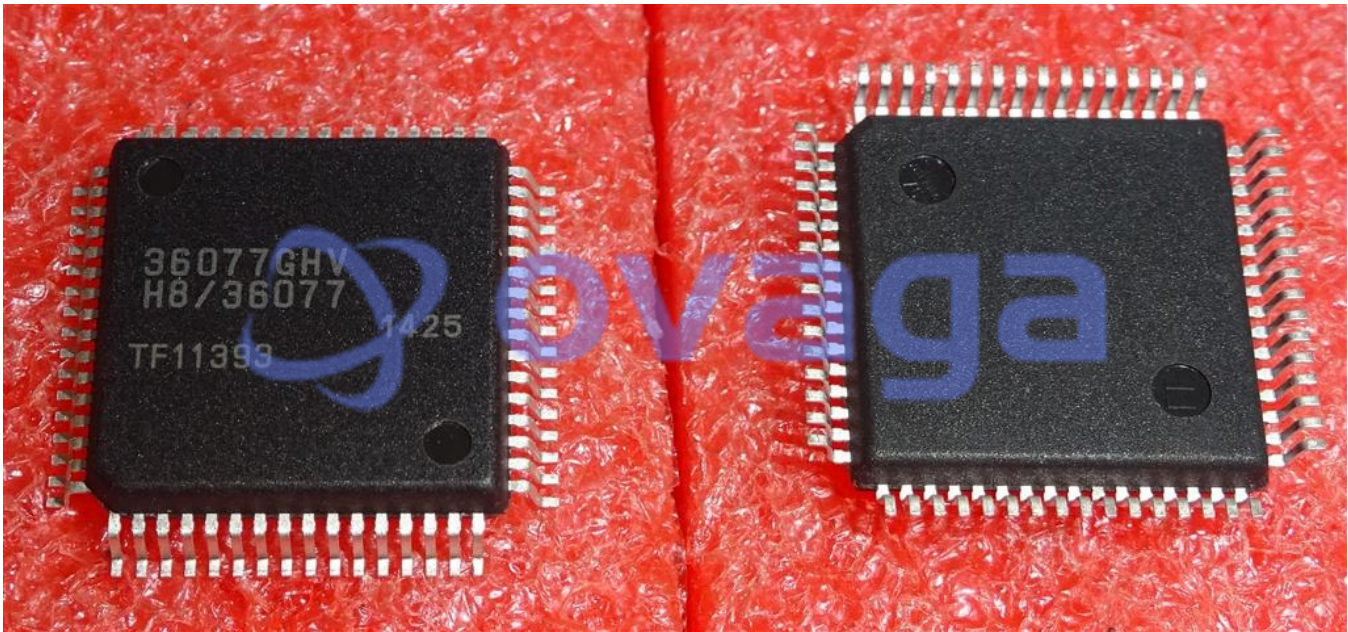
Application

Industrial automation equipment such as programmable logic controllers (PLCs) and motion controllers

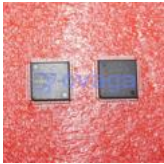
Motor control systems for robotics, automotive, and other applications

Consumer electronics products such as digital cameras and home appliances

Communication equipment such as routers and switches



Related Products



[HD64F3039F18V](#)

Renesas Technology Corp
QFP-80



[HD6417705F133BV](#)

Renesas Technology Corp
QFP-20



[HD64F3687HV](#)

Renesas Technology Corp
QFP64



[HD64F2218UTF24V](#)

Renesas Technology Corp
QFP100



[HD64F3664H](#)

Renesas Technology Corp
64-BQFP



[HD6417727BP160CV](#)

Renesas Technology Corp
BGA-240



[HD64F2643FC25V](#)

Renesas Technology Corp
QFP



[HD6475328CP10V](#)

Renesas Technology Corp
PLCC-84