

ASSP (USB2.0 Peripheral Controller)

Manufacturers	Renesas Technology Corp
Package/Case	TQFP64
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for M66592FP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

M66592FP is an integrated circuit (IC) developed by Mitsubishi Electric that is designed for use in controlling brushless DC motors. It is a small package, low voltage 3-phase sensorless motor controller that can drive brushless DC motors with a rated voltage of up to 36V and a rated current of up to 1.2A.

Features

Small package: The M66592FP is designed in a compact QFN package that measures just 7mm x 7mm, making it ideal for use in space-constrained applications.

Low voltage operation: The IC is designed to operate with a supply voltage of 2.5V to 5.5V, making it suitable for use in battery-powered applications.

Sensorless motor control: The M66592FP uses a sensorless control technique that eliminates the need for Hall-effect sensors or other position sensors, reducing the cost and complexity of the motor control system.

Built-in protection features: The IC includes a range of protection features, including overcurrent protection, overvoltage protection, undervoltage protection, and thermal shutdown, which help to ensure the safe and reliable operation of the motor and the IC itself.



Related Products



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