

CIPOS™ Micro 500 V, 1.3 Ω three-phase intelligent power module

Manufacturers [Infineon Technologies Corporation](#)

Package/Case SOP23

Product Type

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IRSM505-065PA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

CIPOS™ Micro 500 V, 1.3 Ω three-phase MOSFET based intelligent power module with open source in SOP 29x12F package providing high cost efficiency through optimized feature and compact package module for low motor drive applications including small home appliances, low power industrial drives, and etc.

Features

Based on low RDS(on) Trench FREDFET

Integrated bootstrap functionality

Under-voltage lockout

Matched propagation delay for all channels

3.3 V logic compatible with advanced input filter

Driver tolerant to negative transient voltage (-Vs)

Motor power rating up to 85 W at 10 kHz

Built-in temperature sensor

UL-certified

Designed to enhance the system efficiency

High integrations for easy design and saving system space

Flexible design capability through various package options

Application

Room air conditioners

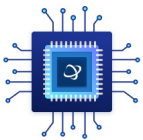
Hood fan

Small home appliances

Motor control for industrial automation

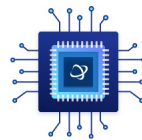
Heating ventilation and air conditioning (HVAC)

Related Products



[IRSM836-035MATR](#)

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[IRAM256-2067A2](#)

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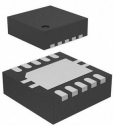
[IRF60R217](#)

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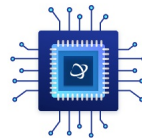
[IRF40R207](#)

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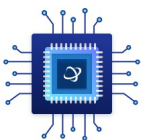
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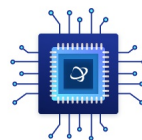
[IR3897MTR](#)

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[IR3551M](#)

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[IRS1125C](#)

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