

High Reliability Intelligent Power Modules IC**Manufacturer:** [Infineon Technologies Corporation](#)**Package/Case:** SOP23**Product Type:****RoHS:** RoHS Compliant/Lead free **Lifecycle:** LTB

Images are for reference only

[Inquiry](#)**General Description**

CIPOS™ Micro 500 V, 1.7 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.

Key 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)

Recommended For You

IR2130SPBF

Infineon Technologies Corporation

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IR2111PbF

Infineon Technologies Corporation

DIP8

IRAMI36-1061A

Infineon Technologies Corporation

SIP-21

IR2103STRPBF

Infineon Technologies Corporation

SOP-8

IRAMS06UP60A

Infineon Technologies Corporation

MODULE

IRAMX16UP60B

Infineon Technologies Corporation

MODULE

IRAMS10UP60A-2

Infineon Technologies Corporation

MODULE

IR2117SPBF

Infineon Technologies Corporation

SOP-8

IR2104PBF

Infineon Technologies Corporation

DIP

IR2101SPBF

Infineon Technologies Corporation

SOP-8

IR2113STRPBF

Infineon Technologies Corporation

SOP-16

IR2153PBF

Infineon Technologies Corporation

DIP-8

IR2118PBF

Infineon Technologies Corporation

DIP-8

IR2304SPBF

Infineon Technologies Corporation

SOP-8

IR2520DSTRPBF

Infineon Technologies Corporation

SOP-8