

Dual High and Low Side MOSFET Power Driver, 2.5A, 10 → 20 V 14-Pin, PDIP

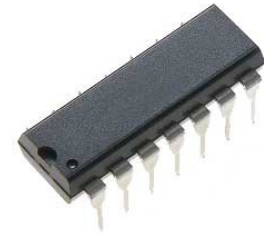
Manufacturers [Infineon Technologies Corporation](#)

Package/Case PDIP-14

Product Type Power Management ICs

RoHS Rohs

Lifecycle



Images are for reference only

Please submit RFQ for IRS2113PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

600 V High and Low Side Driver IC with typical 2.5 A source and 2.5 A sink currents in MLPQ 4X4 14L package for IGBTs and MOSFETs. Also available in 14 Lead PDIP and 16 Lead SOICWB.

Features

Floating gate driver designed for bootstrap operation

Fully operational to +600 V

Tolerant to negative transient voltage, dV/dt immune

Gate drive supply range from 10 V to 20 V

Undervoltage lockout for both channels

3.3 V logic compatible

Separate logic supply range from 3.3 V to 20 V

Logic and power ground +/- 5 V offset

CMOS Schmitt-triggered inputs with pull-down

Cycle by cycle edge-triggered shutdown logic

Matched propagation delay for both channels

Outputs in phase with inputs

Application

Home appliances

Microwave oven

Induction cooking

Motor control and drives

Robotics

Home and building automation

Industrial heating and welding

Power tools

Solutions for solar energy systems

Power Supplies

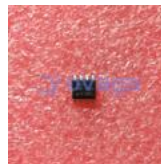
Uninterruptible power supply (UPS)

Related Products



[IRS2101SPBF](#)

Infineon Technologies Corporation
SOIC-8



[IRS2003STRPBF](#)

Infineon Technologies Corporation
SOIC-8



[IRS21864SPBF](#)

Infineon Technologies Corporation
SOIC-14



[IR3897MTRPBF](#)

Infineon Technologies Corporation
PQFN 4 x 5



[IR3898MTRPBF](#)

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PQFN 4 x 5



[IR21531SPBF](#)

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