

Driver 600V 2.5A 2-OUT High and Low Side Non-Inv 16-Pin SOIC W T/R

Manufacturers	Infineon Technologies Corporation
Package/Case	SOIC-16
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for IRS2113STRPBF 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 16 Lead SOICWB package for IGBTs and MOSFETs. Also available in 14 Lead PDIP and 14 Lead MLPQ 4x4.

Features

Floating gate driver designed for bootstrap operation

Fully operational to +600 V

Fully operational to +500 V option available (IRS2110)

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



[IRS21864SPBF](#)

Infineon Technologies Corporation
SOIC-14



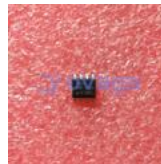
[IR3898MTRPBF](#)

Infineon Technologies Corporation
PQFN 4 x 5



[AUIRS2301STR](#)

Infineon Technologies Corporation
SOIC-8



[IRS2003STRPBF](#)

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[IR3897MTRPBF](#)

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PQFN 4 x 5



[IR21531SPBF](#)

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SOIC-8



[IR1168SPBF](#)

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SOIC-8