

Driver 600V 2.3A 2-OUT High and Low Side Half Brdg Inv/Non-Inv 8-Pin SOIC N Tube

Manufacturers [Infineon Technologies Corporation](#)

Package/Case PDIP-14

Product Type Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for IRS2184SPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

600 V Half Bridge Driver IC with typical 1.9 A source and 2.3 A sink currents in 8 Lead SOIC package for IGBTs and MOSFETs. Also available in 8 Lead PDIP, 14 Lead SOIC, 14 Lead PDIP, and 14 Lead MLPQ 4x4.

For the new version with our SOI technology we recommend 2ED2184S06F, providing integrated bootstrap diode, better robustness and higher switching frequency

## Features

Floating channel 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 and 5 V input logic compatible

Matched propagation delay for both channels

Logic and power ground +/- 5 V offset

Lower di/dt gate driver for better noise immunity

Output source/sink current capability 1.4 A/1.8 A

## Application

Home appliances

Refrigerators

Induction cooking

Motor control and drives

Robotics

Home and building automation

Industrial heating and welding

Power tools

Power Supplies

Uninterruptible power supply (UPS)

## Related Products



### [IRS2101SPBF](#)

Infineon Technologies Corporation  
SOIC-8



### [IRS21864SPBF](#)

Infineon Technologies Corporation  
SOIC-14



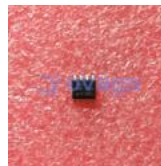
### [IR3898MTRPBF](#)

Infineon Technologies Corporation  
PQFN 4 x 5



### [AUIRS2301STR](#)

Infineon Technologies Corporation  
SOIC-8



### [IRS2003STRPBF](#)

Infineon Technologies Corporation  
SOIC-8



### [IR3897MTRPBF](#)

Infineon Technologies Corporation  
PQFN 4 x 5



### [IR21531SPBF](#)

Infineon Technologies Corporation  
SOIC-8



### [IR1168SPBF](#)

Infineon Technologies Corporation  
SOIC-8