

Driver 600V 2-OUT High and Low Side Non-Inv 8-Pin PDIP Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: DIP8

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: NRND

General Description

600 V High and Low Side Driver IC with typical 1.9 A source and 2.3 A sink currents in 8 Lead PDIP package for IGBTs and MOSFETs. Also available in 8 Lead SOIC. For the new version with our SOI technology we recommend 2ED2181S06F, providing integrated bootstrap diode, better robustness and higher switching frequency

Key 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 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 1.4A/1.8A

Application

- Home appliances
- Motor control and drives
- Robotics
- Home and building automation
- Industrial heating and welding
- Power tools
- Power Supplies
- Uninterruptible power supply (UPS)

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

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SOP-8