

Driver 6-OUT High and Low Side 3-Phase Brdg 28-Pin PDIP Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: DIP-28

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: NRND

General Description

600 V Three Phase Driver IC with typical 0.25 A source and 0.5 A sink currents in 28 Lead PDIP package for IGBTs and MOSFETs. Also available in 44 Lead PLCC and 28 Lead SOIC WB

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 all channels
- Typical deadtime 2.5 μ s (IR2130)
- Typical deadtime 0.8 μ s (IR2132) option available
- Over-current shutdown turns off all six drivers
- Independent half-bridge drivers
- Matched propagation delay for all channels
- 2.5 V logic compatible
- Outputs out of phase with inputs
- Cross-conduction prevention logic

Application

- Home appliances
- Motor control and drives
- Robotics
- Home and building automation
- Power tools
- 3D printers

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