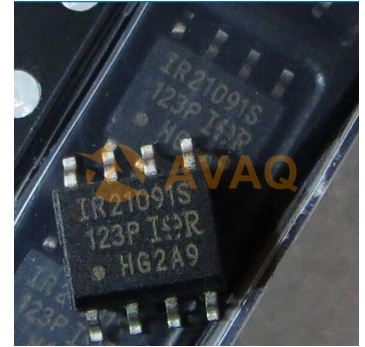



Driver 600V 2-OUT High and Low Side Half Brdg Inv/Non-Inv 8-Pin SOIC N T/R



Images are for reference only

Manufacturer:	Infineon Technologies Corporation
Package/Case:	SOP-8
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

[Inquiry](#)

General Description

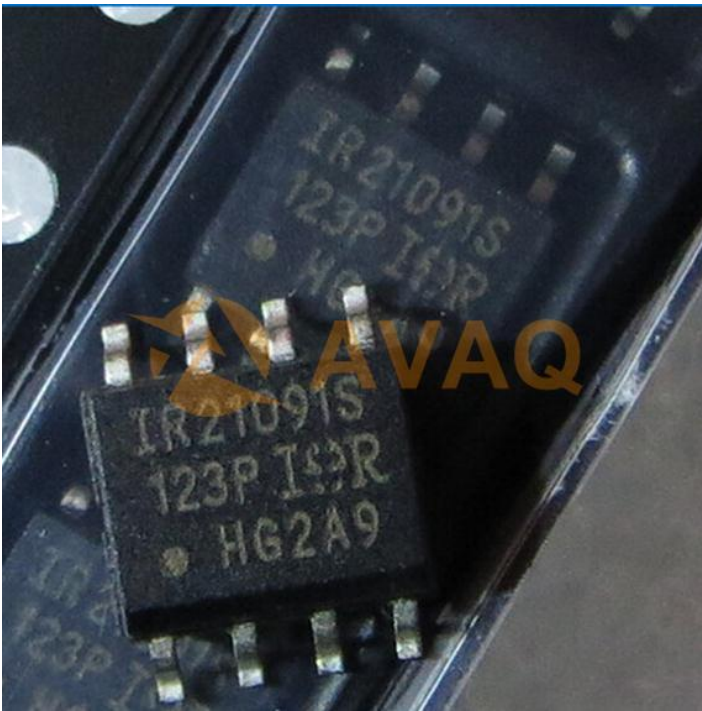
EiceDRIVER 600 V half bridge gate driver IC with typical 0.2 A source and 0.35 A sink currents in 8 Lead SOIC package for IGBTs and MOSFETs. Also available in 8 Lead PDIP, 14 Lead SOIC, and 14 Lead PDIP. For the new version with our SOI technology we recommend 2ED2109S06F, providing integrated bootstrap 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, 5 V, and 15 V logic input compatible
- Cross-conduction prevention logic
- Matched propagation delay for both channels
- High side output in phase with IN input
- Logic and power ground +/- 5 V offset
- Internal 540ns dead-time
- Lower di/dt gate driver for better noise immunity
- Shut down input turns off both channels

Application

- AC-DC power supplies
- Home appliances
- Industrial heating and welding



Recommended For You

IR2130SPBF

Infineon Technologies Corporation

1

IR2111PbF

Infineon Technologies Corporation

DIP8

IRAM136-1061A

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

Infineon Technologies Corporation

SOP-8