

Manufacturers	Infineon Technologies Corporation
Package/Case	PG-DSO-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 2EDF9275FXUMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The EiceDRIVER™ 2EDF9275F is a functional isolated gate-driver IC in a 150mil DSO-16 package, designed for the use in high-performance power conversion applications. The strong 4A/8A source/sink dual-channel gate driver allows for efficiency increases in CoolSiC™ MOSFETs 650V half bridges.

The short propagation delay of 37ns, combined with highly accurate and stable timing over temperature and production, enables further efficiency gains within and across galvanically isolated power stages or in multi-phase/multi-level topologies. The functional isolation makes the 2EDF9275F a perfect fit for primary-side control. Gate driver outputs come with a high 5A reverse current capability and 150V/ns CMTI robustness for high dv/dt power loops.

Fast power switching with accurate timing

Optimized for area and system BOM

Robust against switching noise

Output-to-output channel isolation

Input-to-output channel isolation

Efficiency gain and lower losses

Improved thermal behavior at smaller form factor

Protection and safe operation

Flexible configurations

Regulatory safety

Industrial SMPS

Telecom DC-DC

Server

UPS

Battery

EV-charging

Smart grid

Features

Fast power switching with accurate timing

Optimized for area and system BOM

Robust against switching noise

Output-to-output channel isolation

Input-to-output channel isolation

Efficiency gain and lower losses

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Protection and safe operation

Flexible configurations

Regulatory safety

Application

Industrial SMPS

Telecom DC-DC

Server

UPS

Battery

EV-charging

Smart grid

Related Products



[BTS442E2-E3062A](#)

Infineon Technologies Corporation
TO263



[SAK-C504-2E24M](#)

Infineon Technologies Corporation
MQFP-44



[BTT6030-2EKA](#)

Infineon Technologies Corporation
SOP-14



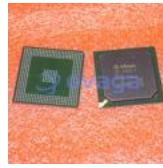
[BSP452E6327](#)

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SOT223-4



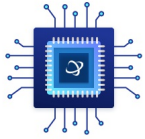
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