

Driver 2A 2-OUT High Speed Inv 8-Pin SOIC Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: SOP8

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The TPS28xx series of dual high-speed MOSFET drivers are capable of delivering peak currents of 2 A into highly capacitive loads. This performance is achieved with a design that inherently minimizes shoot-through current and consumes an order of magnitude less supply current than competitive products. The TPS2811, TPS2812, and TPS2813 drivers include a regulator to allow operation with supply inputs between 14 V and 40 V. The regulator output can power other circuitry, provided power dissipation does not exceed package limitations. When the regulator is not required, REG_IN and REG_OUT can be left disconnected or both can be connected to VCC or GND.

The TPS2814 and the TPS2815 have 2-input gates that give the user greater flexibility in controlling the MOSFET. The TPS2814 has AND input gates with one inverting input. The TPS2815 has dual-input NAND gates.

TPS28xx series drivers, available in 8-pin PDIP, SOIC, and TSSOP packages operate over an ambient temperature range of -40°C to 125°C .

Key Features

Industry-Standard Driver Replacement

25-ns Max Rise/Fall Times and 40-ns Max Propagation Delay – 1-nF Load, VCC = 14 V

2-A Peak Output Current, VCC = 14 V

5- μA Supply Current — Input High or Low

4-V to 14-V Supply-Voltage Range; Internal Regulator Extends Range to 40 V (TPS2811, TPS2812, TPS2813)

-40°C to 125°C Ambient-Temperature Operating Range

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Recommended For You

TPD3S014DBVR

Texas Instruments, Inc
SOT23-6

TPS2065CDBVR

Texas Instruments, Inc
SOT23-5

TPS2557DRBT

Texas Instruments, Inc
SON8

TPS2042BDR

Texas Instruments, Inc
SOP8

TPS2051BDR

Texas Instruments, Inc
SOP8

TPL7407LPWR

Texas Instruments, Inc
TSSOP16

TPS23753APWR

Texas Instruments, Inc
TSSOP14

TPS2116DRLR

Texas Instruments, Inc
SOT5X3-8

TPS259460ARPWR

Texas Instruments, Inc
VQFN-10

TPS23751PWPR

Texas Instruments, Inc
HTSSOP16

TPS65150QPWPRQ1

Texas Instruments, Inc
HTSSOP-24

TPS2410PWR

Texas Instruments, Inc
TSSOP-14

TPS22914BYFPR

Texas Instruments, Inc
DSBGA4

TPS2115ADRBR

Texas Instruments, Inc
VSON8

TPS2113ADRBR

Texas Instruments, Inc
SON8