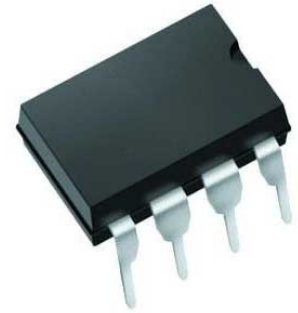


## Driver 2A 2-OUT High Speed Non-Inv 8-Pin PDIP Tube



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Texas Instruments, Inc](#)

**Package/Case:** DIP8

**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  $-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$ .

### 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- $\mu\text{A}$  Supply Current — Input High or Low

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

$-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$  Ambient-Temperature Operating Range

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## Recommended For You

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### **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