

## Driver 1.5A 2-OUT Low Side Non-Inv Automotive 8-Pin SOIC N Tube



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Microchip Technology, Inc](#)

**Package/Case:** SOP-8

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The TC4426A/4427A/4428A are improved versions of the earlier TC426/427/428 family of buffer/drivers (with which they are pin compatible). They will not latch up under any conditions within their power and voltage ratings. They are not subject to damage when up to 5V of noise spiking (of either polarity) occurs on the ground pin. They can accept, without damage or logic upset, up to 500mA of reverse current (of either polarity) being forced back into their outputs. All terminals are fully protected against up to 4kV of electrostatic discharge. As MOSFET drivers, the TC4426A/4427A/4428A can easily switch 1000pF gate capacitances in under 30nsec, and provide low enough impedances in both the ON and OFF states to ensure the MOSFET's intended state will not be affected, even by large transients.

### Key Features

Wide Operating Range: 4.5V to 18V

High Capacitive Load Drive Capability: 1000pF in 25nsec

Short Delay Times: <30nsec Typ.

Matched Rise, Fall and Delay Times

Low Supply Current

With Logic '1' Input: 1mA

With Logic '0' Input: 100µA

Low Output Impedance: 7Ω Typ.

Latch-Up Protected: Will Withstand >0.5A Reverse Current

Input Will Withstand Negative Inputs Up to 5V

ESD Protected: 4kV

Pinouts Same as TC426/27/28

### Recommended For You

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**TC7660COA**

Microchip Technology, Inc  
SOP8

**TC54VC3002ECB713**

Microchip Technology, Inc  
SOT-23

**TC4428ACOA**

Microchip Technology, Inc  
SOP8

**TC429CPA**

Microchip Technology, Inc  
DIP8

**TC4420EPA**

Microchip Technology, Inc  
DIP8

**TC1232CPA**

Microchip Technology, Inc  
DIP8

**TC1232COA**

Microchip Technology, Inc  
SOP-8

**TC4427AEPA**

Microchip Technology, Inc  
DIP8

**TC4421CAT**

Microchip Technology, Inc  
TO220-5

**TC4420CPA**

Microchip Technology, Inc  
DIP8

**TC4422EPA**

Microchip Technology, Inc  
DIP8

**TC1232EOA**

Microchip Technology, Inc  
SOP-8

**TC1240AECHIR**

Microchip Technology, Inc  
SOT23-6

**TC4421CPA**

Microchip Technology, Inc  
DIP8

**TC4420COA**

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SOP-8