

## Driver 10A 1-OUT Low Side Inv Automotive 5-Pin(5+Tab) TO-220 Tube



Images are for reference only

[Inquiry](#)

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

**Package/Case:** TO-220-5

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The TC4421A is a high speed, high current, rugged, and efficient MOSFET driver. The TC4421A is an inverting driver. This device is intended to improve upon the current TC4421 9A MOSFET driver.

### Key Features

Latch up Immunity

Matched Rise and Fall Times

Input withstands negative swings up to 5V

High peak Output current of 9A

High Capacitive Load drive Capability 10nF in 25ns

Wide Operatig Range 4.5v to 18v

Low Propagation Delay Times <50ns

Low Output Impedance 800 milliohm

low supply current (450ua w/ logic 1 input)

Can Withstand Up to 1.5A of Output Reverse Current

Reduced shoot through current

Wide Operating Temperature Range -55 to +125

### Recommended For You

**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

**TC4427AEP**

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

**TC1240AECTR**

Microchip Technology, Inc  
SOT23-6

**TC4421CPA**

Microchip Technology, Inc  
DIP8

**TC4420COA**

Microchip Technology, Inc  
SOP-8