


Driver 3A 2-OUT Low Side Inv/Non-Inv 8-Pin PDIP Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	DIP8
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The TC4423/4424/4425 are higher output current versions of the new TC4426/4427/4428 buffer/drivers, which, in turn, are improved versions of the earlier TC426/427/428 series. All three families are pin-compatible. The TC4423/4424/4425 drivers are capable of giving reliable service in far more demanding electrical environments than their antecedents. Although primarily intended for driving power MOSFETs, the TC4423/4424/4425 drivers are equally well-suited to driving any other load (capacitive, resistive, or inductive) which requires a low impedance driver capable of high peak currents and fast switching times. For example, heavily loaded clock lines, coaxial cables, or piezoelectric transducers can all be driven from the TC4423/4424/4425. The only known limitation on loading is the total power dissipated in the driver must be kept within the maximum power dissipation limits of the package.

For product comparison, please consider:TC4425A

Key Features

Wide Operating Range: 4.5V to 18V

High Capacitive Load Drive Capability: 1800pF in 25nsec

Short Delay Times: < 40nsec Typ.

Matched Rise/Fall Times

Low Supply Current

With Logic '1' Input: 3.5mA

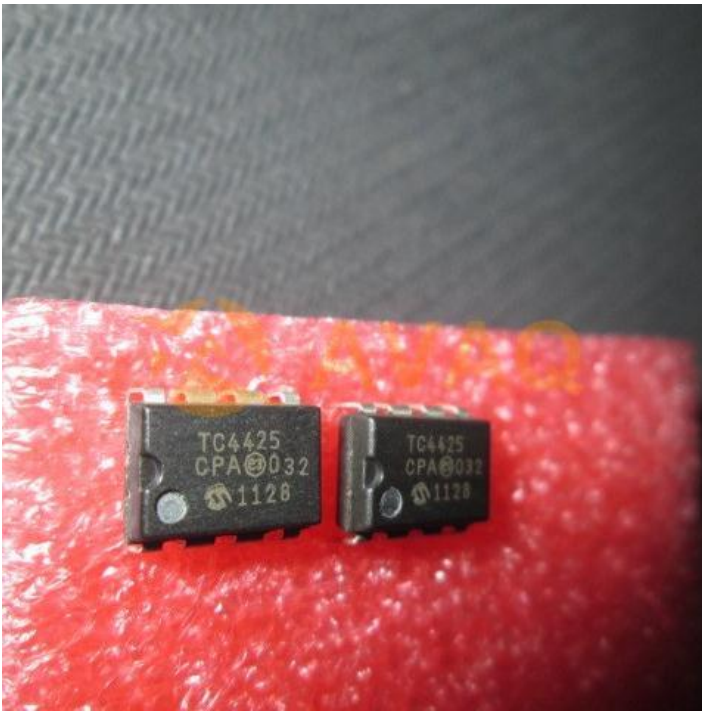
With Logic '0' Input: 350µA

Low Output Impedance: 3.5Ω Typ.

Latch-Up Protected: Will Withstand 1.5A Reverse Current

Logic Input Will Withstand Negative Swing Up to 5V

Pinouts Same as TC1426/27/28 and TC4426/27/28



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

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

Microchip Technology, Inc

SOP-8