TC4421CPA

Driver 9A 1-OUT Low Side 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 TC4421/4422 are high current buffer/drivers capable of driving large MOSFETs and IGBTs. They are essentially immune to any form of upset except direct overvoltage or over-dissipation. They cannot be latched under any conditions within their power and voltage ratings; they are not subject to damage or improper operation when up to 5V of ground bounce is present on their ground terminals; they can accept, without either damage or logic upset, more than 1A inductive current of either polarity being forced back into their outputs. In addition, all terminals are fully protected against up to 4kV of electrostatic discharge. The TC4421/4422 inputs may be driven directly from either TTL or CMOS (3V to 18V). In addition, 300mV of hysteresis is built into the input, providing noise immunity and allowing the device to be driven from slowly rising or falling waveforms.
For product comparison, please consider:TC4421A

Key Features

Tough CMOS ™ Construction

High Peak Output Current: 9A

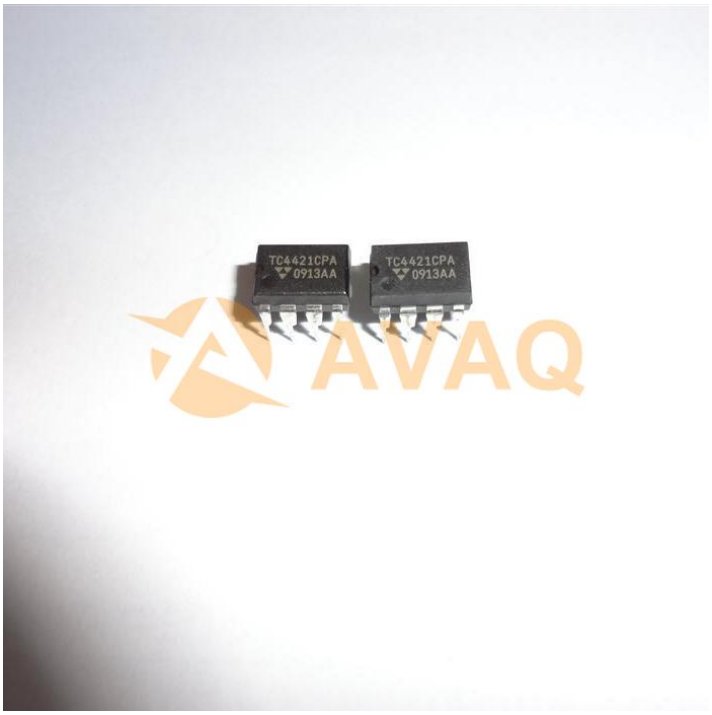
High Continuous Output Current: 2A Max

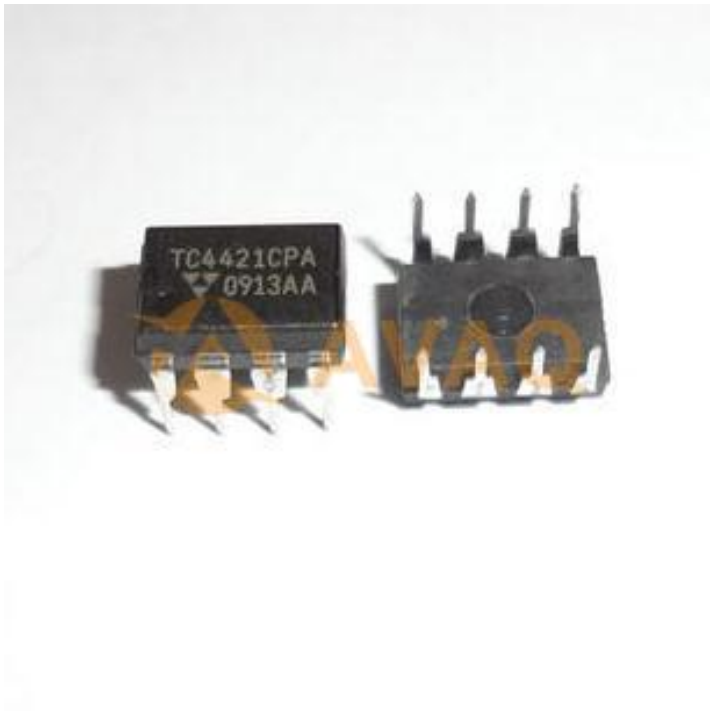
Fast Rise and Fall Times:

180nsec with 47,000pF Load

Short Internal Delays: 30nsec Typ.

Low Output Impedance: 1.4Ω Typ.





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

TC1240AECHTR
Microchip Technology, Inc
SOT23-6

TC4420COA
Microchip Technology, Inc
SOP-8

TC7660HEOA
Microchip Technology, Inc
SOP-8