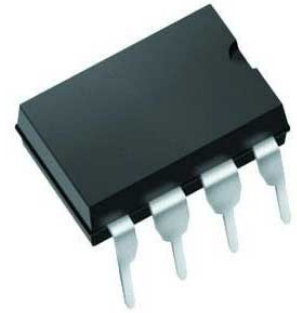


Driver 1A 1-OUT Low Side Inv 8-Pin PDIP Tube**Manufacturer:** [Microchip Technology, Inc](#)**Package/Case:** DIP8**Product Type:** Drivers**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active

Images are for reference only

[Inquiry](#)**General Description**

The TC1411/1411N are 1A CMOS buffer/drivers. 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, upto500mA of current of either polarity being forced back into their output. All terminals are fully protected against up to 4kV of electrostatic discharge. As MOSFET drivers, the TC1411/1411N can easily switch 1000pF gate capacitance in 25nsec with matched rise and fall times, and provide low enough impedance in both the ON and the OFF states to ensure the MOSFET's intended state will not be affected, even by large transients. The rise and fall time edges are matched to allow driving short-duration inputs with greater accuracy.

Key Features

Latch-Up Protected: Will Withstand

500mA Reverse Current

Input Will Withstand Negative Inputs Up to 5V

ESD Protected: 4kV

Wide Operating Range: 4.5V to 16V

High Capacitive Load Drive Capability: 1000pF in 25nsec

Short Delay Time: 30nsec Typ

Consistent Delay Times With Changes in Supply Voltage

Matched Delay Times

Low Supply Current

With Logic '1' Input: 500μA

With Logic '0' Input: 100μA

Low Output Impedance: 8Ω

Pinout Same as TC1410/12/13

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

TC1240AECHR

Microchip Technology, Inc

SOT23-6

TC4421CPA

Microchip Technology, Inc

DIP8

TC4420COA

Microchip Technology, Inc

SOP-8