

Power Driver ICs 1A Sngl Inv

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TC1411COA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

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.

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: 500 μ A

With Logic '0' Input: 100 μ A

Low Output Impedance: 8 Ω

Pinout Same as TC1410/12/13



Related Products



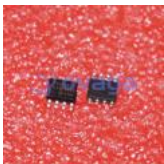
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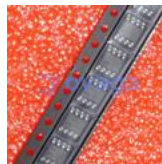
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