


## Driver 1.2A 4-OUT Low Side H Brdg Inv/Non-Inv 16-Pin SOIC WTube

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	SOP16
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The TC446X family of four-output CMOS buffer/drivers are an expansion from our earlier single- and dual-output drivers. Each driver has been equipped with a two-input logic gate for added flexibility. The TC446X drivers can source up to 250 mA into loads referenced to ground. Heavily loaded clock lines, coaxial cables, and piezoelectric transducers can all be easily driven with the 446X series drivers. The only limitation on loading is that total power dissipation in the IC must be kept within the power dissipation limits of the package. The TC446X series will not latch under any conditions within their power and voltage ratings. They are not subject to damage when up to 5V of noise spiking (either polarity) occurs on the ground line. They can accept up to half an amp of inductive kickback current (either polarity) into their outputs without damage or logic upset. In addition, all terminals are protected against ESD to at least 2000V.

### Key Features

Wide Operating Range: 4.5V to 18V

Symmetrical Rise and Fall Times: 25nsec

Short, Equal Delay Times: 75nsec

Latch-proof. Withstands 500mA Inductive Kickback

3 Input Logic Choices: AND / NAND / AND + Inv

2kV ESD Protection on All Pins

### 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

**TC1240AEC**

Microchip Technology, Inc  
SOT23-6

**TC4421CPA**

Microchip Technology, Inc  
DIP8

**TC4420COA**

Microchip Technology, Inc  
SOP-8