


## Inverter Schmitt Trigger 6-Element CMOS 14-Pin SOIC T/R

<b>Manufacturer:</b>	Texas Instruments, Inc
<b>Package/Case:</b>	SOP14
<b>Product Type:</b>	Logic ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The CD40106B device consists of six Schmitt-Trigger inputs. Each circuit functions as an inverter with Schmitt-Trigger input. The trigger switches at different points for positive- and negative-going signals. The difference between the positive-going voltage (VP) and the negative-going voltages (VN) is defined as hysteresis voltage (VH).

The CD40106B device is supplied in ceramic packaging (J) as well as standard packaging (D, N, NS, PW). All CD40106B devices are rated for -55°C to +125°C ambient temperature operation.

### Key Features

Schmitt-Trigger Inputs

Hysteresis Voltage (Typical):

0.9 V at VDD = 5 V

2.3 V at VDD = 10 V

3.5 V at VDD = 15 V

Noise Immunity Greater Than 50%

No Limit On Input Rise and Fall Times

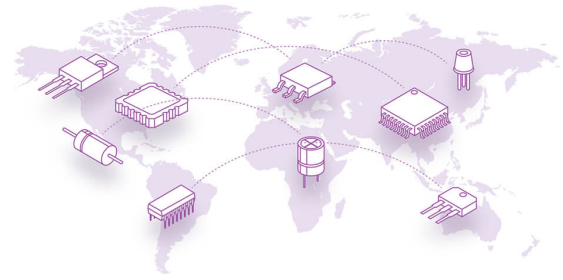
Standardized, Symmetrical Output Characteristics

Maximum Input Current Of 1  $\mu$ A at 18 V Over Full Package Temperature Range:

100 nA at 18 V and 25°C

Low VDD and VSS Current During Slow Input Ramp

5-V, 10-V, and 15-V Parametric Ratings



## Recommended For You

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### **CD4070BE**

Texas Instruments, Inc

DIP14

### **CD74HCT138E**

Texas Instruments, Inc

DIP16

### **CD4098BE**

Texas Instruments, Inc

DIP

### **CD74HC08E**

Texas Instruments, Inc

DIP

### **CD74HC4075E**

Texas Instruments, Inc

DIP

### **CD74ACT74E**

Texas Instruments, Inc

DIP-14

### **CD74HC75E**

Texas Instruments, Inc

DIP

### **CD4504BE**

Texas Instruments, Inc

DIP16

### **CD4068BE**

Texas Instruments, Inc

DIP

### **CD4081BE**

Texas Instruments, Inc

DIP14

### **CD4001BE**

Texas Instruments, Inc

DIP14

### **CD4512BE**

Texas Instruments, Inc

DIP16

### **CD4069UBE**

Texas Instruments, Inc

DIP14

### **CD74HCT151E**

Texas Instruments, Inc

DIP

### **CD74HC04M**

Texas Instruments, Inc

SOP14