

## High Conductance Fast Diode

<b>Manufacturer:</b>	<u>ON Semiconductor, LLC</u>
<b>Package/Case:</b>	DO-35
<b>Product Type:</b>	Thyristors
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

The 1N4148TR is a fast-switching diode that is widely used for general-purpose applications in electronic circuits. It is a popular choice due to its small size, low cost, and fast switching characteristics.

## Key Features

Forward surge current of 4A at pulse width 1μs and 1A at pulse width 1s

Maximum repetitive reverse voltage of 100V

Power dissipation is 500mW

Operating junction temperature of 175°C

Forward voltage of 1V at 10mA

Reverse recovery time of 4ns

## Application

- oExtreme fast switches

## Recommended For You

### 1N4448

ON Semiconductor, LLC

DO-35

### 1N5913BRLG

ON Semiconductor, LLC

DO-41

### 1N4148WT

ON Semiconductor, LLC

SOD-523

### 1N4739A

ON Semiconductor, LLC

DO-41

### 1N5284

ON Semiconductor, LLC

DO-7

### 1N5931BRLG

ON Semiconductor, LLC

DO-41

**1N5285**

ON Semiconductor, LLC

DO-7

**1N5295**

ON Semiconductor, LLC

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**1N5296**

ON Semiconductor, LLC

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**1N5294**

ON Semiconductor, LLC

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**1N5312**

ON Semiconductor, LLC

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**1N5297**

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**1N5230B**

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**1N5250B**

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**1N456A**

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