



# THE DATASHEET OF ZTX457STOA



# NPN SILICON PLANAR ME HIGH VOLTAGE TRANSIS

ISSUE 2 – MARCH 1994

## FEATURES

- \* 300 Volt  $V_{CEO}$
- \* 0.5 Amp continuous current
- \*  $P_{tot} = 1$  Watt

## ABSOLUTE MAXIMUM RATINGS

PARAMETER	
Collector-Base Voltage	
Collector-Emitter Voltage	
Emitter-Base Voltage	
Peak Pulse Current	
Continuous Collector Current	
Power Dissipation at $T_{amb}=25^{\circ}\text{C}$	
Operating and Storage Temperature Range	

## ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	30
Collector-Emitter Breakdown Voltage	$V_{CEO(sus)}$	30
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$	5
Collector Cut-Off Current	$I_{CBO}$	
Emitter Cut-Off Current	$I_{EBO}$	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	
Base-Emitter Saturation Voltage	$V_{BE(sat)}$	
Base-Emitter Turn On Voltage	$V_{BE(on)}$	
Static Forward Current Transfer Ratio	$h_{FE}$	50 50 25
Transition Frequency	$f_T$	75

\*Measured under pulsed conditions. Pulses

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View ZTX457STOA on WIN SOURCE](#)
-  [Diodes Incorporated Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management