



# THE DATASHEET OF ZTX712



# PNP SILICON PLANAR ME DARLINGTON TRANSISTOR

ISSUE 1 – MAY 94

## FEATURES

- \* 60 Volt  $V_{CEO}$
- \* 0.8 Amp continuous current
- \* Gain of 10K at  $I_C=0.5$  Amp

## APPLICATIONS

- \* Lamp, solenoid and relay drivers

## ABSOLUTE MAXIMUM RATINGS

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



## ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$
Collector-Emitter Breakdown Voltage	$V_{CEO(SUS)}$
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$
Collector Cut-Off Current	$I_{CBO}$
Emitter Cut-Off Current	$I_{EBO}$
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$
Base-Emitter Turn-On Voltage	$V_{BE(on)}$
Static Forward Current Transfer Ratio	$h_{FE}$

\*Measured under pulsed conditions. Pulse

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

Click below to explore more details on WIN SOURCE:

-  [View ZTX712 on WIN SOURCE](#)
-  [Diodes Incorporated Information](#)

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