



# THE DATASHEET OF FZT704TA



**SOT223 PNP SILICON PLAIN  
POWER DARLINGTON TRANSISTOR**  
**ISSUE 2 - SEPTEMBER 1995**

**FEATURES**

- \* 2A CONTINUOUS CURRENT
  - \* FAST SWITCHING
  - \* GUARANTEED  $h_{FE}$  SPECIFIED UP TO 100°C
- COMPLEMENTARY TYPE – FZT 604  
PART MARKING DETAIL – FZT704

**ABSOLUTE MAXIMUM RATINGS**

**PARAMETER**

Collector-Base Voltage
Collector-Emitter Voltage
Emitter-Base Voltage
Peak Pulse Current
Continuous Collector Current
Power Dissipation
Operating and Storage Temperature Range

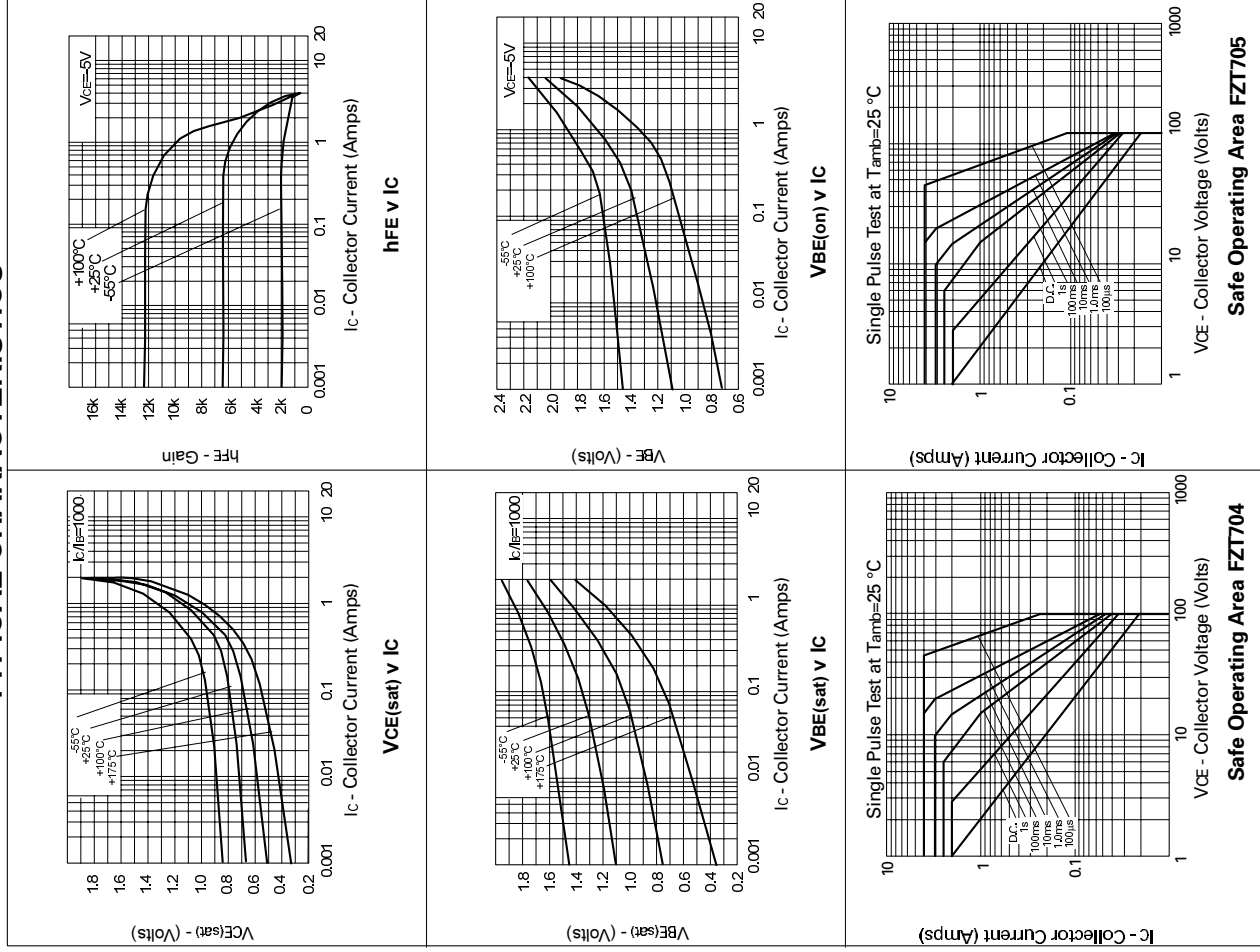
**ELECTRICAL CHARACTERISTICS**

PARAMETER	SYMBOL	UNIT
Breakdown Voltages	$V_{(BR)CBO}$	-1
	$V_{(BR)CEO}$	-1
	$V_{(BR)EBO}$	-1
Collector Cut-Off Currents	$I_{CBO}$	
	$I_{CES}$	
Emitter Cut-Off Current	$I_{EBO}$	
Saturation Voltages	$V_{CE(sat)}$	
	$V_{BE(sat)}$	
Base-Emitter Turn-On Voltage	$V_{BE(on)}$	
	$h_{FE}$	30
Static Forward Current Transfer	$h_{FE}$	30
	$f_T$	30
	$f_T$	20
Transition Frequency	$f_T$	
Input Capacitance	$C_{ibo}$	
Output Capacitance	$C_{obo}$	
Switching Times	$T_{on}$	
	$T_{off}$	

\*Measured under pulsed conditions. Pulse width and duty cycle dependent.  
Spice parameter data is available upon request.  
For typical graphs see FZT705 datasheet



# FZT705 FZT704

## TYPICAL CHARACTERISTICS



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

Click below to explore more details on WIN SOURCE:

-  [View FZT704TA 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