THE DATASHEET OF

ZTX551STZ

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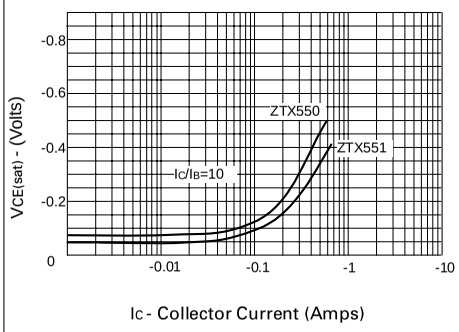
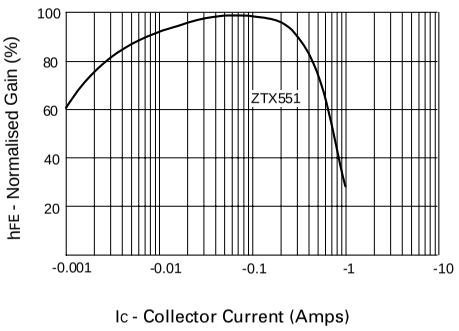
ZTX550
ZTX551

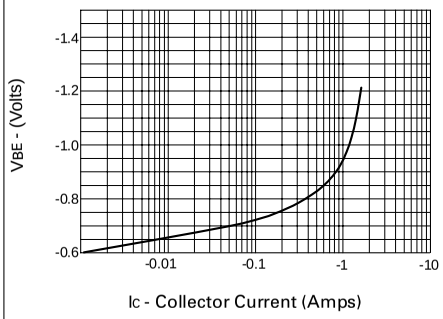
TYPICAL CHARACTERISTICS



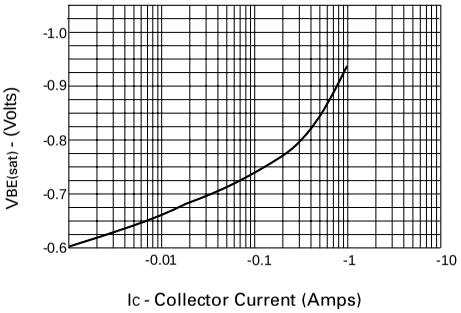
VCE(sat) v IC



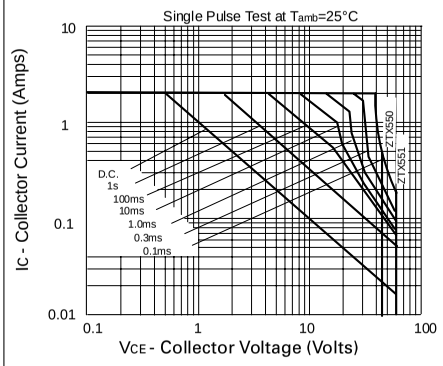
hFE v IC



VBE(on) v IC



VBE(sat) v IC



Safe Operating Area

PNP SILICON PLANAR MEDIUM POWER TRANSIS

ISSUE 1 – MARCH 94

FEATURES

* 60 Volt V_{CEO}
* 1 Amp continuous current
* P_{tot}= 1 Watt

ABSOLUTE MAXIMUM RATINGS

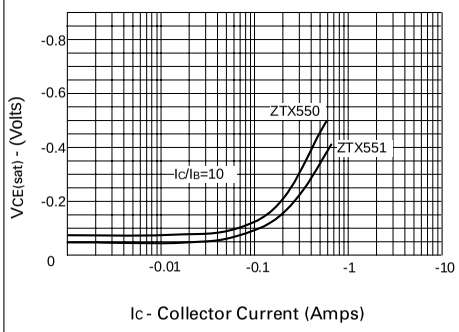
PARAMETER	
Collector-Base Voltage	
Collector-Emitter Voltage	
Emitter-Base Voltage	
Peak Pulse Current	
Continuous Collector Current	
Power Dissipation: at T_{amb}=25°C derate above 25°C	
Operating and Storage Temperature R	

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	
		MIN
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	-60
Collector-Emitter Sustaining Voltage	$V_{CEO(sus)}$	-45
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	$V_{BE(sat)}$	
Static Forward Current Transfer Ratio	h_{FE}	100 15
Transition Frequency	f_T	150

ZTX550
ZTX551

TYPICAL CHARACTERISTICS



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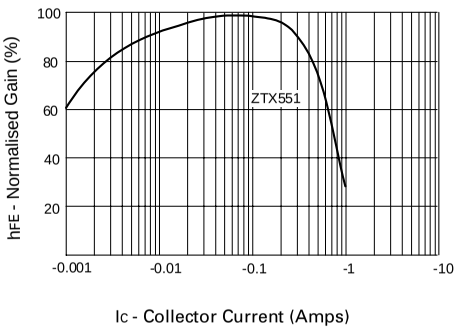
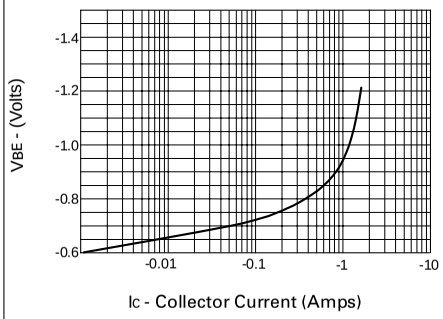
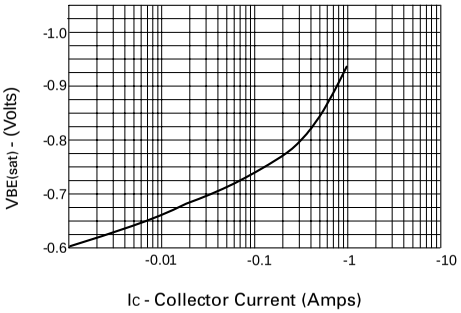


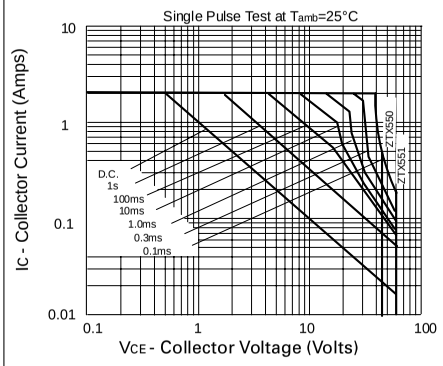
hFE v IC



VBE(on) v IC



VBE(sat) v IC



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