



THE DATASHEET OF ZTX458STZ



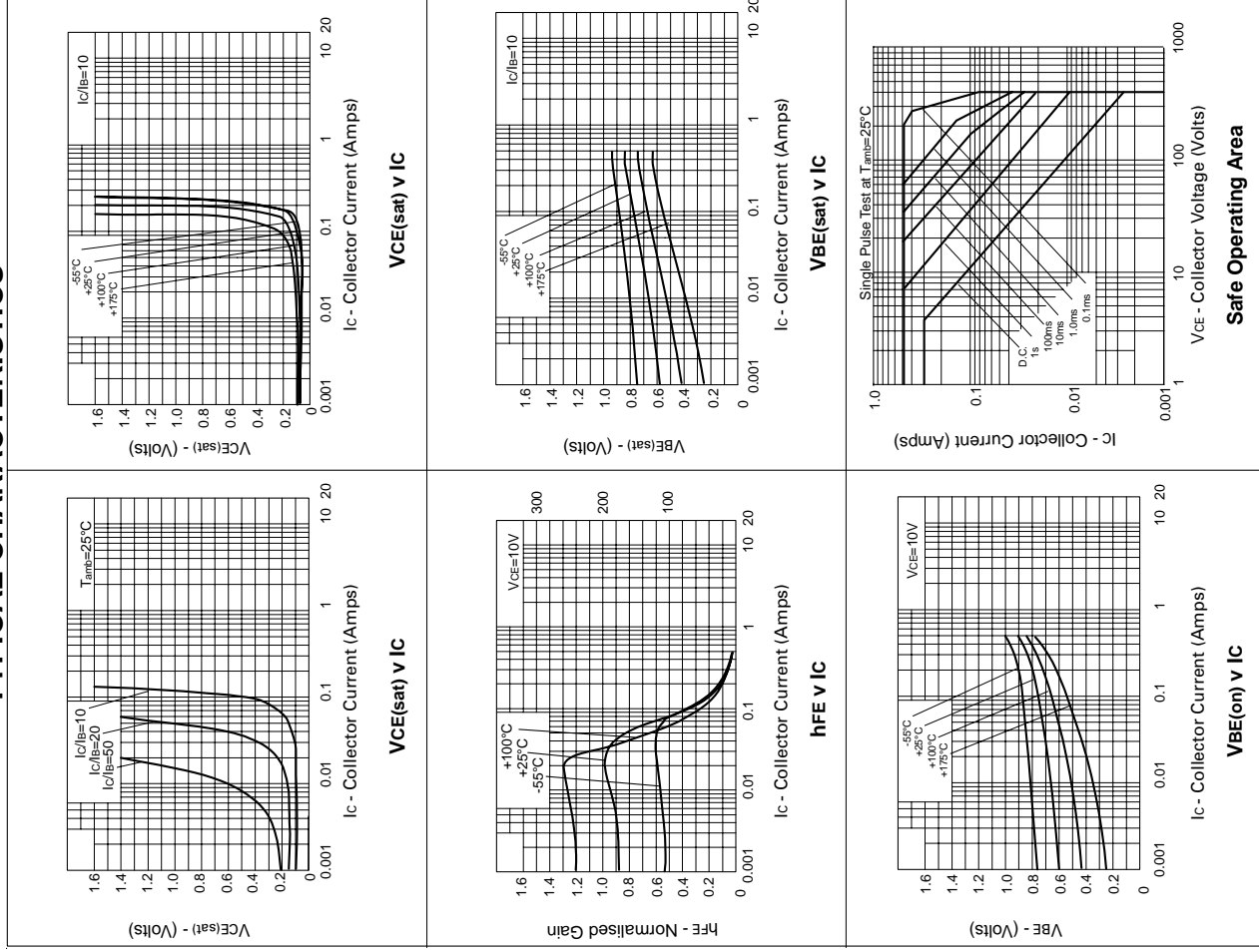
ZTX458

NPN SILICON PLANAR ME HIGH VOLTAGE TRANSIS ISSUE 2 – MARCH 1994

FEATURES

- * 400 Volt V_{CE0}
- * 0.5 Amp continuous current
- * $P_{tot} = 1$ Watt

TYPICAL CHARACTERISTICS



3-183

ABSOLUTE MAXIMUM RATINGS

PARAMETER

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

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN	MAX
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	4	
Collector-Emitter Breakdown Voltage	$V_{CE0(sus)}$	4	
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$	5	
Collector Cut-Off Current	I_{CBO}		
Collector Cut-Off Current	I_{CES}		
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}	1	1
Transition Frequency	f_T	5	
Collector-Base Breakdown Voltage	C_{ob0}		

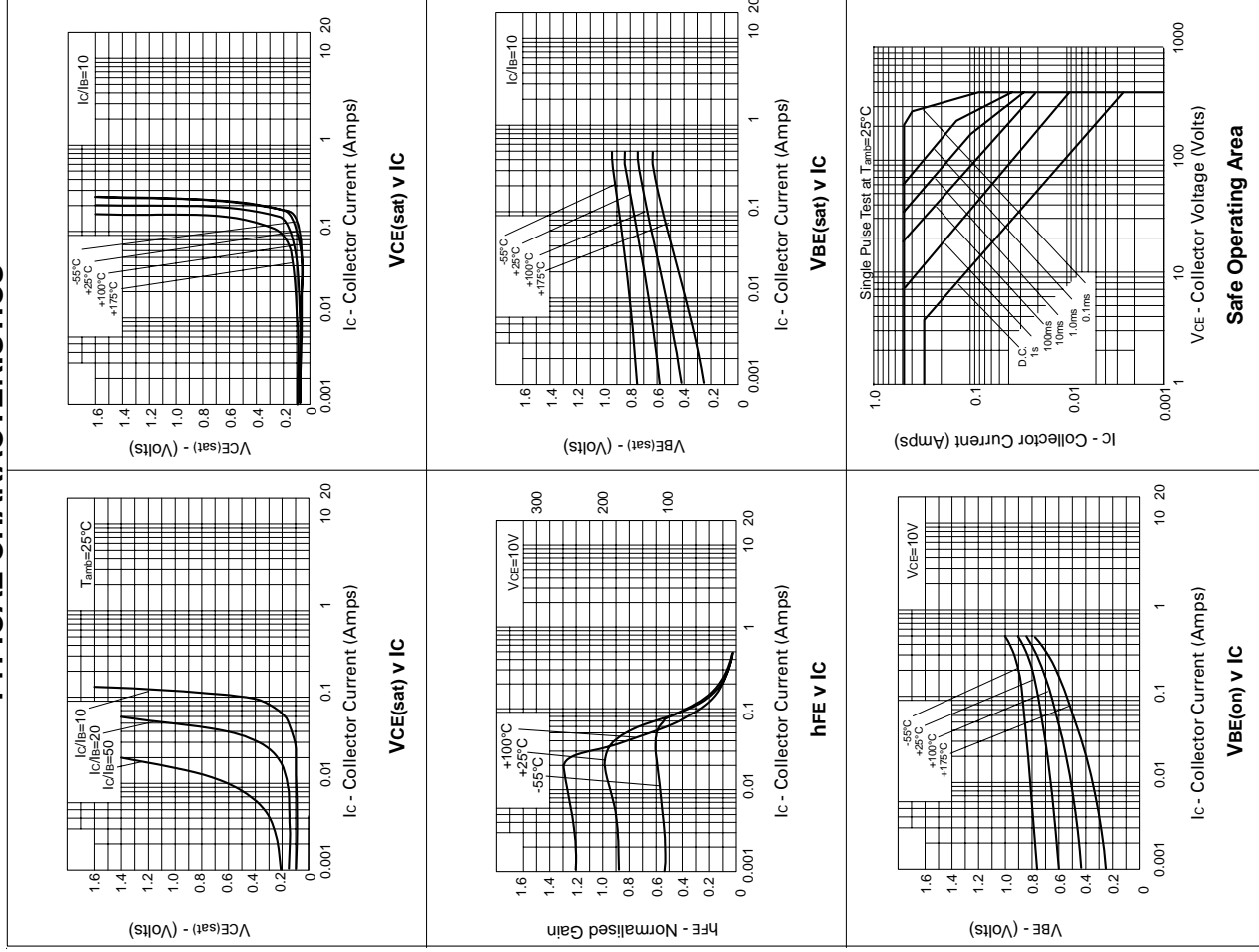
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