



**THE DATASHEET OF
ZTX757STZ**



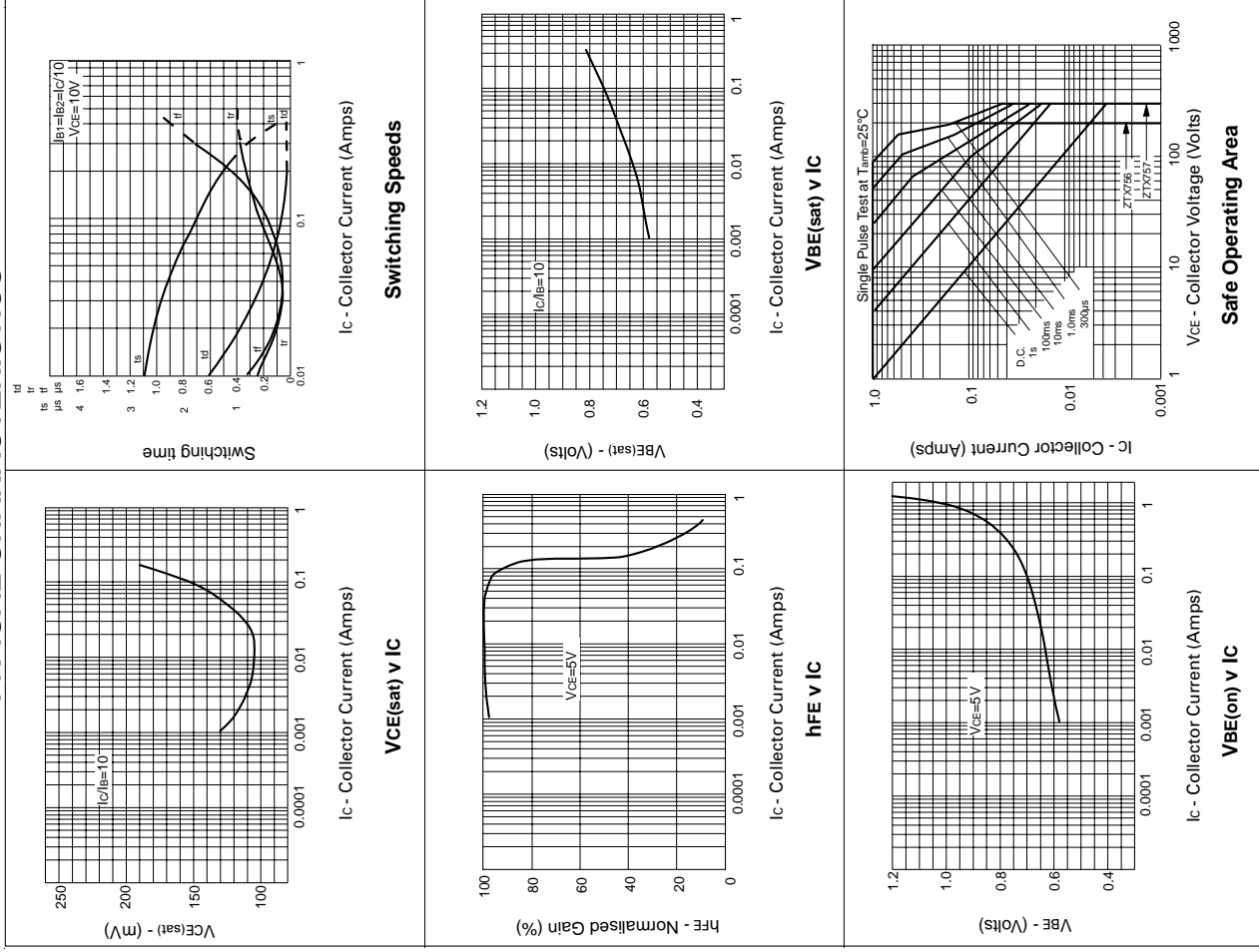
ZTX756 ZTX757

PNP SILICON PLANAR ME HIGH VOLTAGE TRANSIS ISSUE 2 – JULY 94

FEATURES

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

TYPICAL CHARACTERISTICS



ABSOLUTE MAXIMUM RATINGS

PARAMETER	MIN
Collector-Base Voltage	-200
Collector-Emitter Voltage	-200
Emitter-Base Voltage	-5
Peak Pulse Current	
Continuous Collector Current	
Power Dissipation at T _{amb} =25°C	
Operating and Storage Temperature Range	

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN
Collector-Base Breakdown Voltage	V _{(BR)CBO}	-200
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	-200
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 40
Transition Frequency	f _T	30
Output Capacitance	C _{obo}	

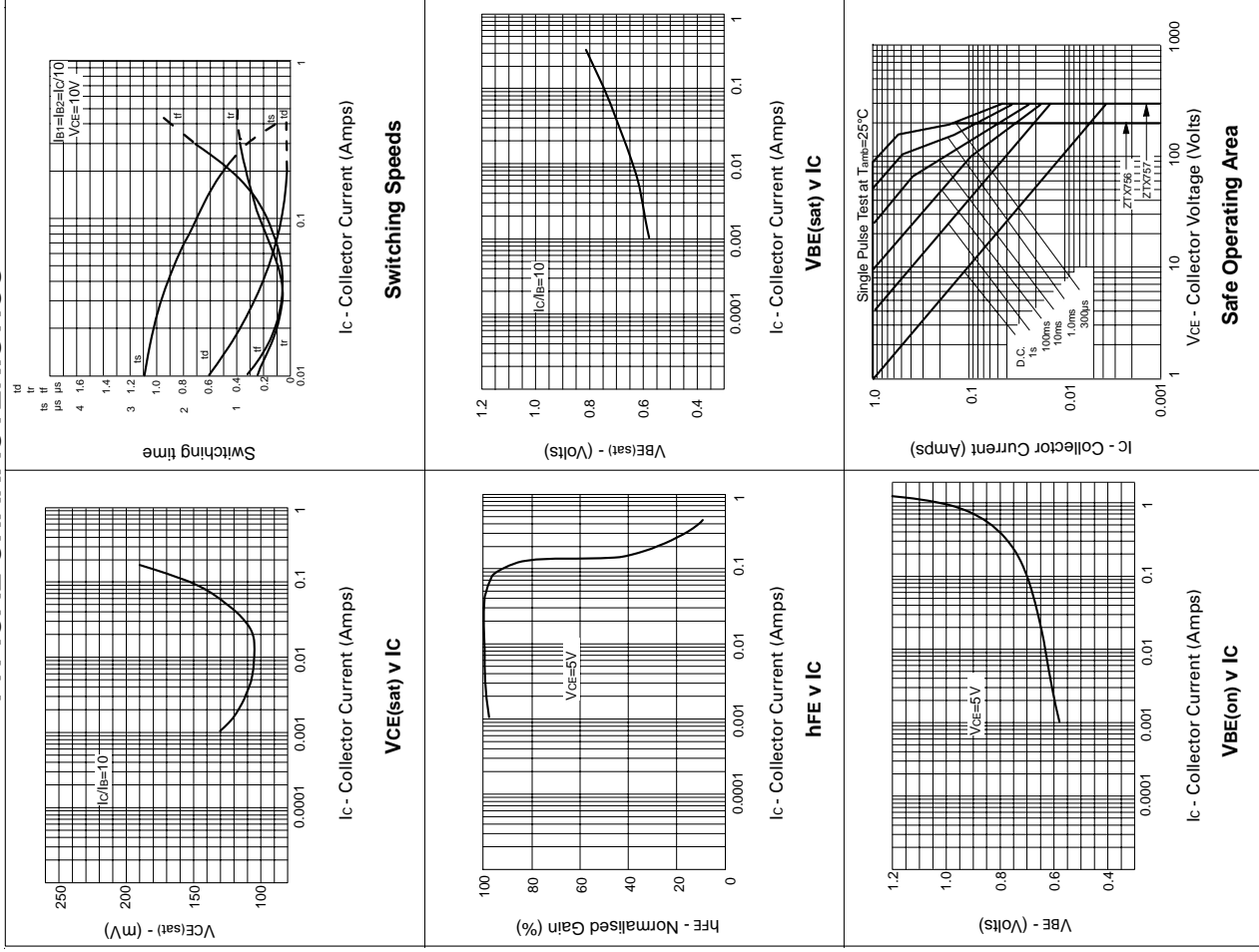
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Looking for pricing, stock, or lifecycle information?

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-  [Diodes Incorporated Information](#)

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
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