



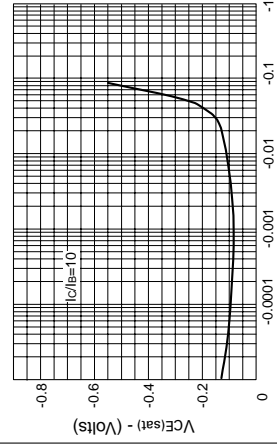
THE DATASHEET OF ZTX557



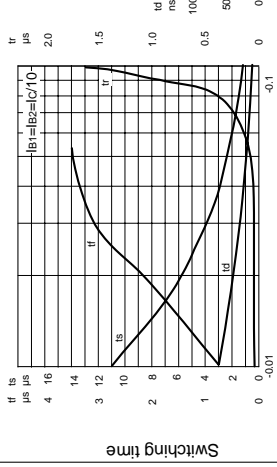
ZTX556 ZTX557

PNP SILICON PLANAR ME HIGH VOLTAGE TRANSIS ISSUE 1 – JULY 94

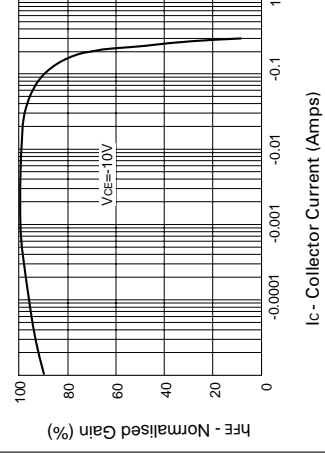
TYPICAL CHARACTERISTICS



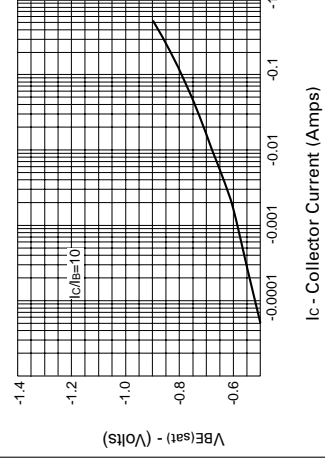
VCE(sat) v IC
IC - Collector Current (Amps)



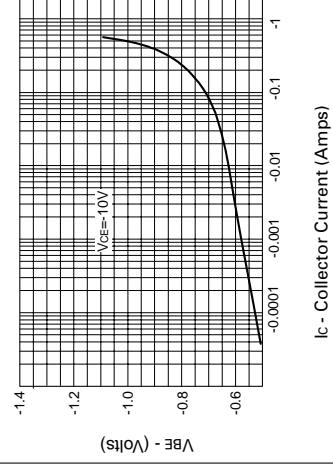
Switching Speeds
IC - Collector Current (Amps)



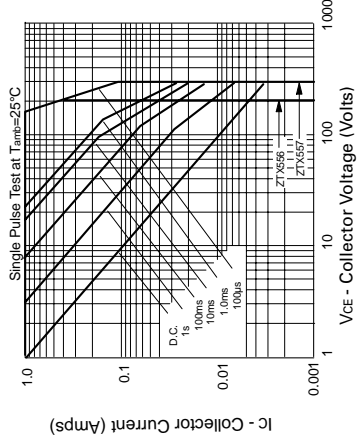
hFE v IC
IC - Collector Current (Amps)



VBE(sat) v IC
IC - Collector Current (Amps)



VBE(on) v IC
IC - Collector Current (Amps)



Safe Operating Area

ABSOLUTE MAXIMUM RATINGS

PARAMETER	MIN	MAX
Collector-Base Voltage		-200
Collector-Emitter Voltage		-200
Emitter-Base Voltage		-5
Peak Pulse Current		
Continuous Collector Current		
Power Dissipation		
Operating and Storage Temperature Range		

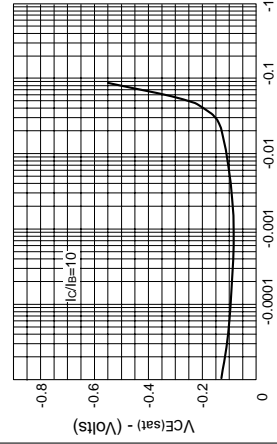
ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN	MAX
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	50
Transition Frequency	f_T		75

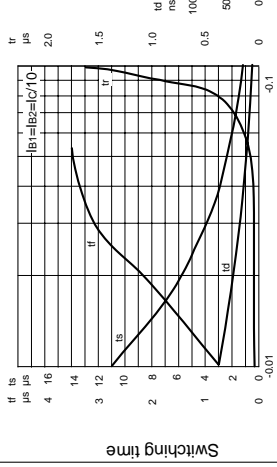
ZTX556 ZTX557

PNP SILICON PLANAR ME HIGH VOLTAGE TRANSIS ISSUE 1 – JULY 94

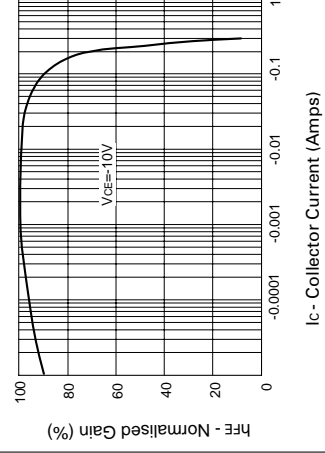
TYPICAL CHARACTERISTICS



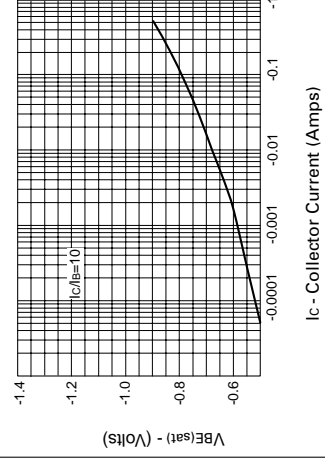
VCE(sat) v IC
IC - Collector Current (Amps)



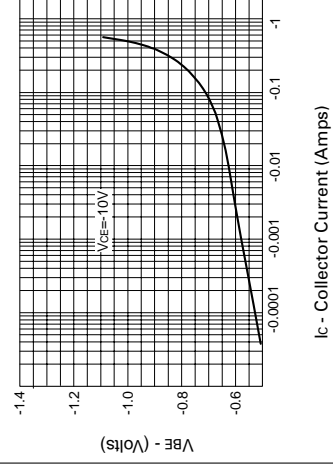
Switching Speeds
IC - Collector Current (Amps)



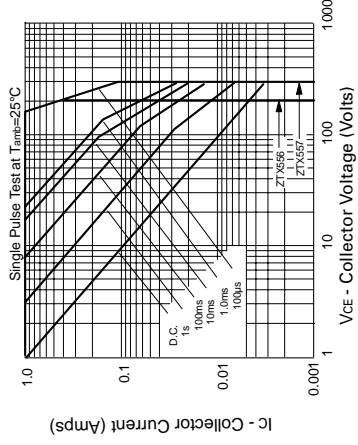
hFE v IC
IC - Collector Current (Amps)



VBE(sat) v IC
IC - Collector Current (Amps)



VBE(on) v IC
IC - Collector Current (Amps)



Safe Operating Area
VCE - Collector Voltage (Volts)

ABSOLUTE MAXIMUM RATINGS



PARAMETER	MIN	MAX
Collector-Base Voltage		-200
Collector-Emitter Voltage		-200
Emitter-Base Voltage		-5
Peak Pulse Current		
Continuous Collector Current		
Power Dissipation		
Operating and Storage Temperature Range		

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN	MAX
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	50
Transition Frequency	f_T		75

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