



THE DATASHEET OF FZTA14TA

SOT223 NPN SILICON PL

DARLINGTON TRANSISTO

ISSUE 3 – JANUARY 1996

PARTMARKING DETAIL:- DEVICE T

COMPLEMENTARY TYPE :- FZTA64

ABSOLUTE MAXIMUM RATINGS

PARAMETER
Collector-Emitter Voltage
Collector-Base Voltage
Collector-Emitter Voltage
Emitter-Base Voltage
Continuous Collector Current
Power Dissipation at T _{amb} =25°C
Operating and Storage Temperature F

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	M
Collector-Base Breakdown Voltage	V _{(BR)CES}	30
Collector Cut-Off Current	I _{CBO}	
Emitter Cut-Off Current	I _{EBO}	
Collector-Emitter Saturation Voltage	V _{CE(sat)}	
Base-Emitter Turn-On Voltage	V _{BE(on)}	
Base-Emitter Saturation Voltage	V _{BE(sat)}	
Static Forward Current Transfer Ratio	h _{FE}	10 20 5k
Transition Frequency	f _T	

*Measured under pulsed conditions. Pulse
Spice parameter data is available upon re
For typical characteristics graphs see FMM

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