



THE DATASHEET OF FCX589TA



**SOT89 PNP SILICON PLANAR
POWER HIGH PERFORMANCE
ISSUE 3 - OCTOBER 1995**

PARTMARKING DETAIL - P89

ABSOLUTE MAXIMUM RATINGS

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

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL
Breakdown Voltages	$V_{(BR)}$
	$V_{(BR)}$
	$V_{(BR)}$
Collector Cut-Off Current	I_{CBO}
Collector - Emitter Cut-Off Current	I_{CES}
Emitter Cut-Off Current	I_{EBO}
Collector-Emitter Saturation Voltage	V_{CE}
Base-Emitter Saturation Voltage	V_{BE}
Base-Emitter Turn-on Voltage	V_{BE}
Static Forward Current Transfer Ratio	h_{FE}
Transition Frequency	f_T
Output Capacitance	C_{obs}

*Measured under pulsed conditions. Pulse
For typical Characteristics graphs see FMM

Looking for pricing, stock, or lifecycle information?

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- ✓ Alternative Solution
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