



THE DATASHEET OF BCV29TA



**SOT89 NPN SILICON PLANAR
DARLINGTON TRANSISTOR**
ISSUE 4 – JANUARY 1996

COMPLEMENTARY TYPE – BCV28

PARTMARKING DETAIL – EF

ABSOLUTE MAXIMUM RATINGS

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



ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN	MAX
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	40	
Collector-Emitter Breakdown Voltage	$V_{(BR)CEO}$	30	
Emitter-Base Breakdown Voltage	$V_{(BR)EBO}$	10	
Collector Cut-Off Current	I_{CBO}		
Emitter Cut-Off Current	I_{EBO}		
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$		
Base-Emitter Saturation Voltage	$V_{BE(sat)}$		
Static Forward Current Transfer Ratio	h_{FE}	40	40
		10	10
		20	20
		40	40
Transition Frequency	f_T		
Output Capacitance	C_{obo}		

*Measured under pulsed conditions. Pulse
For typical graphs see FMMT38A datasheet
Spice parameter data is available upon request

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