THE DATASHEET OF

BC868TA

SOT89 NPN SILICON PLAN
MEDIUM POWER TRANSIS

ISSUE 4 - OCTOBER 1995 ✪

FEATURES

* SUITABLE FOR GENERAL AF APPLIC
  CLASS B AUDIO OUTPUT STAGES
* HIGH h_{FE} AND LOW SATURATION V

COMPLEMENTARY TYPE - BC869

PARTMARKING DETAILS– BC868
BC868-16
BC868-25

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°C
Operating and Storage Temperature Ran

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	M
Collector-Base Breakdown Voltage	$V_{(BR)CBO}$	25
Collector-Emitter Breakdown Voltage	$V_{(BR)CEO}$	20
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 Turn-On Voltage	$V_{BE(on)}$	
Static Forward Current Transfer Ratio	h_{FE} BC868-16 BC868-25	50 85 60 10 16
Transition Frequency	f_T	
Output Capacitance	C_{obo}	

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

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