

™

Seismo-Quake

LET IT SHAKE !

Educational

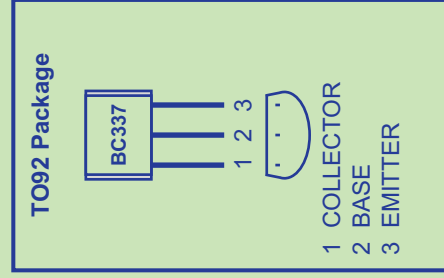
Technological

Innovative

Electronic

BC337

Datasheet for the BC337 NPN General Purpose Transistor



The BC337 is designed to withstand a maximum current of 500mA and a low maximum voltage of 45V and may be used in the output stages of audio amplifiers.

Parameter	Symbol	Min	Typ	Max	Unit
Collector-Emitter Voltage	V_{CE}			45	V
Collector-Base Voltage	V_{CB}			50	V
Emitter-Base Voltage	V_{EB}			5	V
Collector Current Continuous	I_C			500	mA
Collector Current Peak	I_{CPK}			1.0	A
Total Power Dissipation @ $T_A = 25^\circ\text{C}$	P_D			625	mW
DC Current Gain $I_C = 100\text{ mA}, V_{CE} = 1.0\text{ V}$	h_{FE}		100	600	
Collector-Emitter Saturation Voltage $I_C = 500\text{ mA}, I_B = 50\text{ mA}$	$V_{CE(SAT)}$			700	mV
Base-Emitter On Voltage $I_C = 500\text{ mA}, V_{CE} = 1.0\text{ V}$	$V_{BE(ON)}$			1.2	V