

Silicon NPN Power Transistors

2SC1027

DESCRIPTION

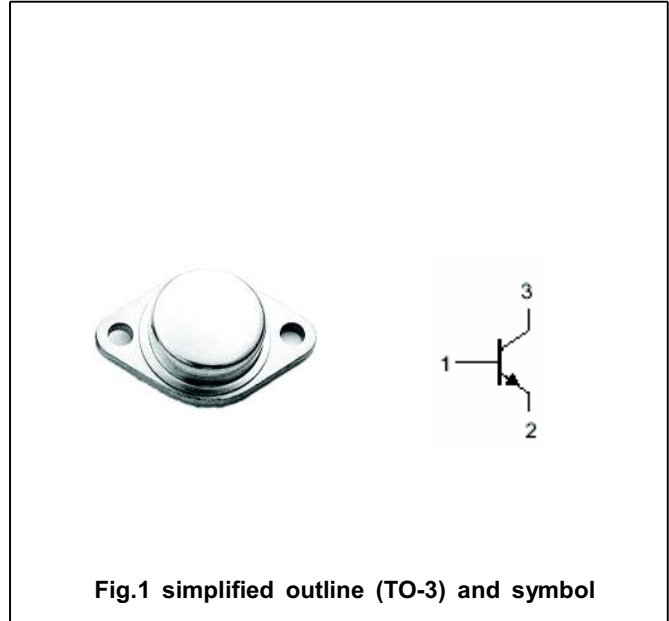
- With TO-3 package
- High power dissipation
- Low collector saturation voltage

APPLICATIONS

- Switching regulators
- DC-DC convertor
- General purpose power amplifiers

PINNING(see Fig.2)

PIN	DESCRIPTION
1	Base
2	Emitter
3	Collector



Absolute maximum ratings(Ta=?)

SYMBOL	PARAMETER	CONDITIONS	VALUE	UNIT
V_{CBO}	Collector-base voltage	Open emitter	250	V
V_{CEO}	Collector-emitter voltage	Open base	80	V
V_{EBO}	Emitter-base voltage	Open collector	5	V
I_C	Collector current		6	A
P_C	Collector power dissipation	$T_C=25^\circ$	50	W
T_j	Junction temperature		150	?
T_{stg}	Storage temperature		-55~150	?