

STA322A

查询STA322供应商

PNP

捷多邦，专业PCB打样工厂，24小时加急出货

General purpose

External dimensions  STA300

Absolute maximum ratings

($T_a=25^{\circ}\text{C}$)

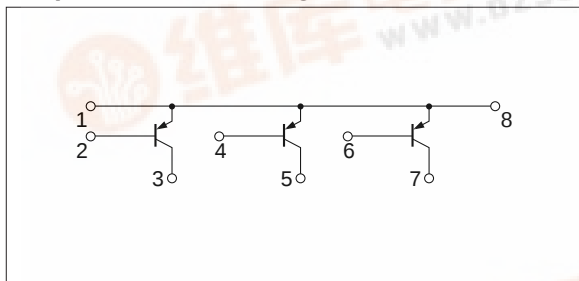
Symbol	Ratings	Unit
V_{CB0}	-50	V
V_{CEO}	-50	V
V_{EBO}	-5	V
I_c	-3	A
I_{CP}	-5 (PW $\leq$ 1ms, Du $\leq$ 50%)	A
I_B	-1	A
P_T	3 ($T_a=25^{\circ}\text{C}$)	W
	15 ($T_c=25^{\circ}\text{C}$)	
T_j	150	$^{\circ}\text{C}$
T_{stg}	-40 to +150	$^{\circ}\text{C}$

Electrical characteristics

($T_a=25^{\circ}\text{C}$)

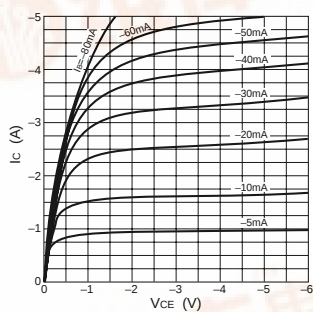
Symbol	Specification			Unit	Conditions
	min	typ	max		
I_{CB0}			-10	μA	$V_{CB}=-50\text{V}$
I_{EBO}			-10	μA	$V_{EB}=-8\text{V}$
V_{CEO}	-50			V	$I_c=-25\text{mA}$
h_{FE}	100		350		$V_{CE}=-4\text{V}$, $I_c=-1\text{A}$
$V_{CE(sat)}$			-1.0	V	$I_c=-2\text{A}$, $I_b=-40\text{mA}$
$V_{BE(sat)}$			-1.5	V	

Equivalent circuit diagram

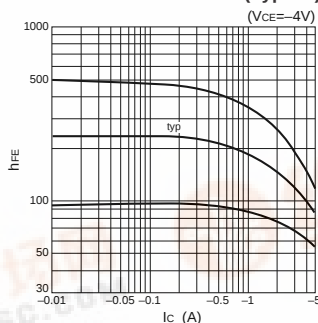


Characteristic curves

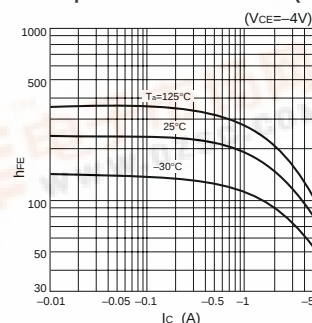
I_c - V_{CE} Characteristics (Typical)



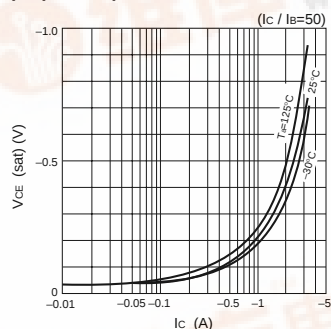
h_{FE} - I_c Characteristics (Typical)



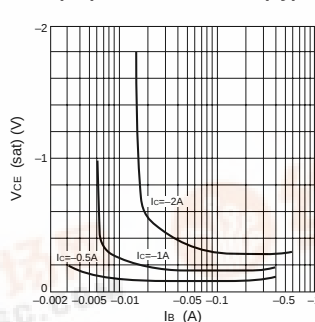
h_{FE} - I_c Temperature Characteristics (Typical)



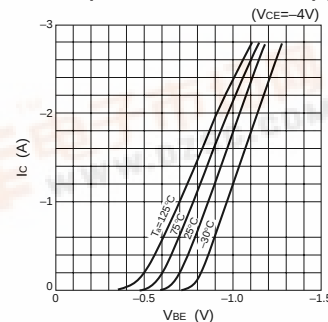
$V_{CE(sat)}$ - I_c Temperature Characteristics (Typical)



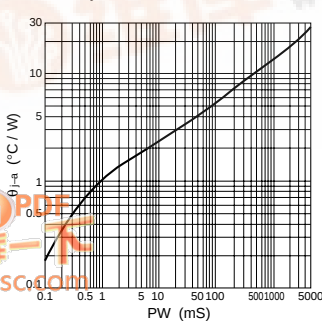
$V_{CE(sat)}$ - I_b Characteristics (Typical)



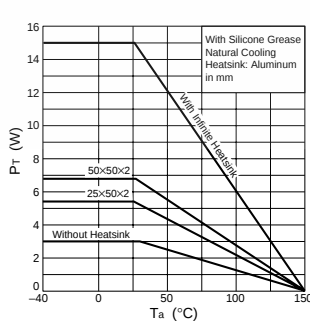
I_c - V_{BE} Temperature Characteristics (Typical)



θ_{JA} -PW Characteristics



P_T - T_a Characteristics



Safe Operating Area (SOA)

