


SLA6012

查询SLA6012供应商

PNP + NPN Darlington

通多邦, 专业PCB打样工厂, 24小时加急出货

3-phase motor drive

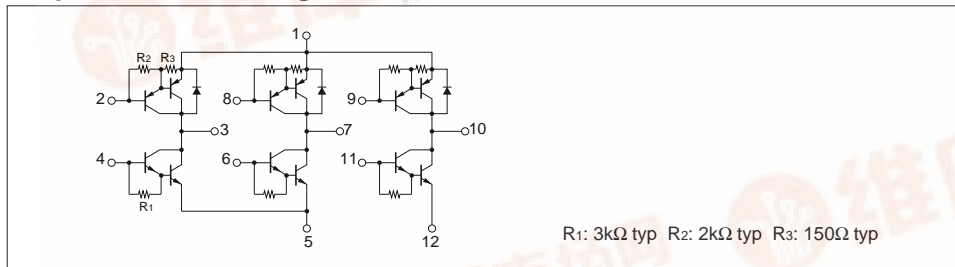
External dimensions  SLA

Absolute maximum ratings

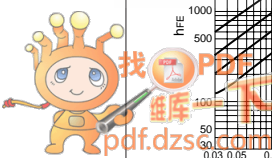
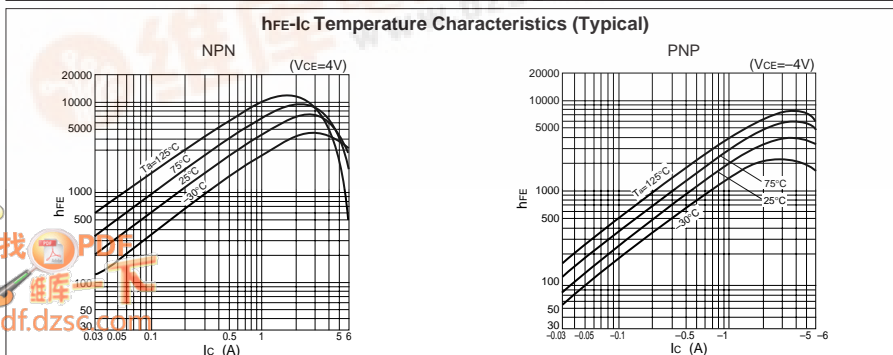
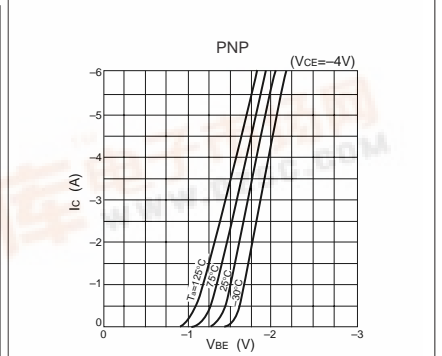
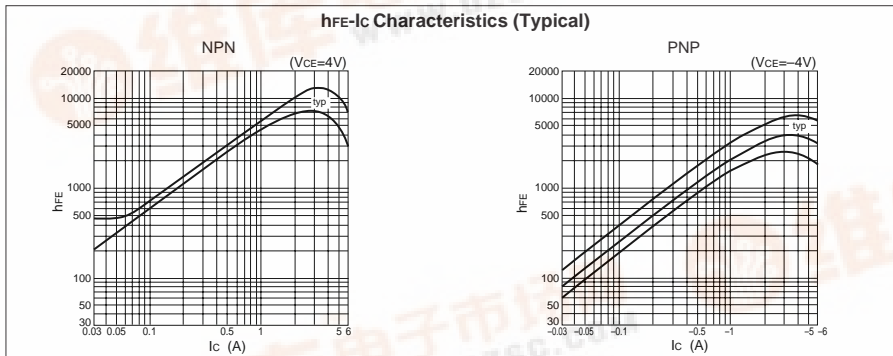
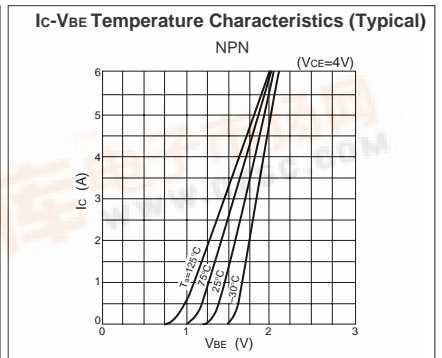
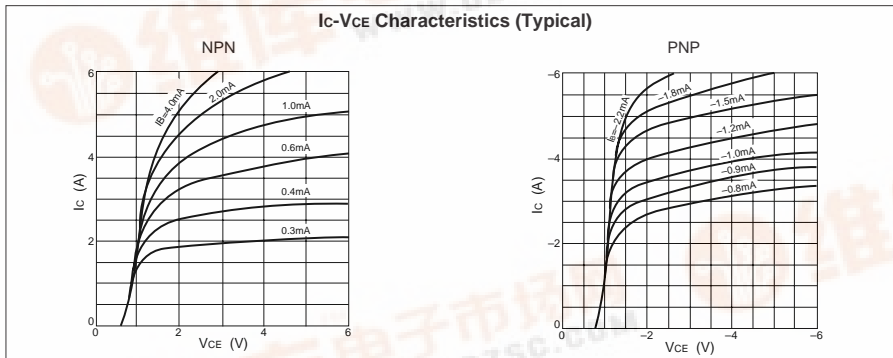
(Ta=25°C)

Symbol	Ratings		Unit
	NPN	PNP	
V _{CBO}	60	-60	V
V _{CEO}	60	-60	V
V _{EBO}	6	-6	V
I _C	4	-4	A
I _B	0.5	-0.5	A
P _T	5 (Ta=25°C)		W
	25 (Tc=25°C)		
V _{ISO}	1000 (Between fin and lead pin, AC)		V _{rms}
T _j	150		°C
T _{stg}	-40 to +150		°C
θ _{j-c}	5		°C/W

Equivalent circuit diagram



Characteristic curves



Electrical characteristics

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

Symbol	NPN					PNP				
	Specification			Unit	Conditions	Specification			Unit	Conditions
	min	typ	max			min	typ	max		
I_{CBO}			10	μA	$V_{CB}=60\text{V}$			-10	μA	$V_{CB}=-60\text{V}$
I_{EBO}			10	μA	$V_{EB}=6\text{V}$			-10	mA	$V_{EB}=-6\text{V}$
V_{CEO}	60			V	$I_C=10\text{mA}$	-60			V	$I_C=-10\text{mA}$
h_{FE}	2000				$V_{CE}=4\text{V}, I_C=3\text{A}$	2000				$V_{CE}=-4\text{V}, I_C=-3\text{A}$
$V_{CE(sat)}$			1.5	V	$I_C=3\text{A}, I_B=6\text{mA}$			-1.5	V	$I_C=-3\text{A}, I_B=-6\text{mA}$

Characteristic curves

