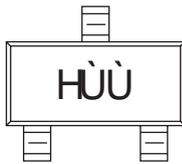


NPN Darlington Transistors

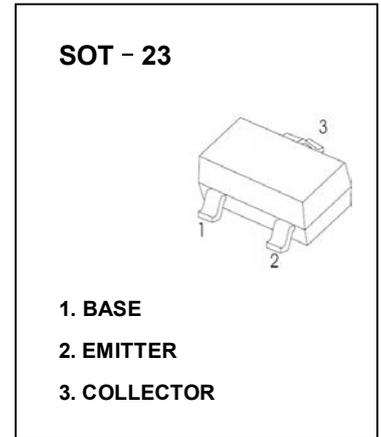
FEATURES

- Pã @0~ !!^} o0œã

MARKING: 3SS



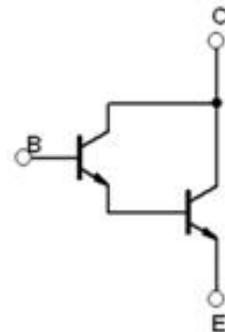
HÜÜ: Device code



MAXIMUM RATINGS (T_a=25°C unless otherwise noted)

Symbol	Parameter	Value	Unit
V _{CB0}	Ö[^&q ËÖæ ^ÁX œè ^Á	ì €Á	XÁ
V _{CEO}	Ö[^&q ËÖ æ^ÁX œè ^Á	ì €Á	XÁ
V _{EBO}	Ö[æ^Á ËÖæ ^ÁX œè ^Á	FGÁ	XÁ
I _c	Ö[^&q ÁÖ~ !!^} oÁ	í €€Á	{ OÁ
P _c	Ö[^&q ÁÜ[, ^!ÁÖã •ã æã] Á	G€€Á	{ Y Á
R _{ΘJA}	V@!{ æÁ^•ã æã &^ÁÜ[{ ÁR } &q] Á [ÁÆ àã } oÁ	î G Á	°CËY Á
T _J , T _{stg}	Operation Junction and Storage Temperature Range	Ë í ~ÉFí €	°C

Equivalent Circuit



ELECTRICAL CHARACTERISTICS (T_a=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Collector-base breakdown voltage	X _{çóóóó} Á	QMF€çμOËQMEÁ	ì €Á			XÁ
Collector-emitter sustain voltage	X _{óóóó} •D	QMF€çμOËX _{óóóó} MEÁ	ì €Á			XÁ
Emitter-base breakdown voltage	X _{çóóóó} Á	QMF€çμOËQMEÁ	FGÁ			XÁ
Collector cut-off current	Q _{óóó} Á	X _{óóóó} M X€X _{óóóó} MEÁ			€FÁ	μOÁ
Collector cut-off current	Q _{óóó} Á	X _{óóóó} M X€X _{óóóó} MEÁ			€F Á	μOÁ
Emitter cut-off current	Q _{óóó} Á	X _{óóóó} MF X€X _{óóóó} MEÁ			€FÁ	μOÁ
DC current gain	@ _{çóçó} Á	X _{óóóó} M X€QMF€ç OÁ	F€Á			SÁ
	@ _{çóçó} Á	X _{óóóó} M X€QMF€ç OÁ	F€Á			SÁ
Collector-emitter saturation voltage	X _{óóóó} çóçó FÁ	QMF€ç OËQMF€ç F{ OÁ			F€ÇÁ	XÁ
	X _{óóóó} çóçó FÁ	QMF€ç OËQMF€ç F{ OÁ			F€F Á	XÁ
Base-emitter voltage	X _{óóó} E	X _{óóóó} M X€QMF€ç OÁ			GÁ	XÁ
Collector output capacitance	Ö[_á Á	X _{óóóó} MF X€QMF€ç FT P: Á			ì Á] ØÁ
Transition frequency	~Á	X _{óóóó} M X€QMF€ç OÁ -MF€ç FT P: Á	FG Á			TP: Á

EU |•^Á•dÁ |•^Á æçóçóç€€ •Fã~ ç Á&^mç€Á È

Typical Characteristics

