

SK30DB100D

Darlington Half Bridge Power Module - 3-Stage Darlington. $V_{be} = -2.0V$ for BVCEV.

Semikron

Isolated Case (Y/N)=Yes

Circuits Per Package=1

$V_{(BR)CEO}$ (V)=1.0k

$V_{(BR)CBO}$ (V)=1.0k

$I_{(C) Abs. (A)}$ Collector Current=30

Absolute Max. Power Diss. (W)=310

$R_{(th)JC}$ ($\mu\text{C/W}$)=400m

$h_{(FE) Min.}$ Static Current Gain=75

@ $I_{(C) (A)}$ (Test Condition)=30

@ V_{CE} (test)=2.8

$V_{(CE)sat Max.}$ (V)=2.5

@ $I_{(C) (A)}$ (Test Condition)=30

@ $I_{(B) (A)}$ (Test Condition)=600m

$t_{(f) Max.}$ (s) Fall time.=3.0u

Package=MODULE-var