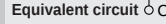


2SB1383



Application : Chopper Regulator, DC Motor Driver and General Purpose

(Ta=25°C)

Symbol	Conditions	Ratings	Unit
ICBO	$V_{CB}=-120V$	-10max	μA
IEBO	$V_{EB}=-6V$	-10max	mA
$V_{(BR)CEO}$	$I_C=-25mA$	-120min	V
h_{FE}	$V_{CE}=-4V, I_C=-12A$	2000min	
$V_{CE(sat)}$	$I_C=-12A, I_B=-24mA$	-1.8max	V
$V_{BE(sat)}$	$I_C=-12A, I_B=-24mA$	-2.5max	V
f_T	$V_{CE}=-12V, I_E=1A$	50typ	MHz
COB	$V_{CB}=-10V, f=1MHz$	230typ	pF

V _{CC} (V)	R _L (Ω)	I _C (A)	V _{BB1} (V)	V _{BB2} (V)	I _{B1} (mA)	I _{B2} (mA)	t _{on} (μs)	t _{stg} (μs)	t _f (μs)
-24	2	-12	-10	5	-24	24	1.0typ	3.0typ	1.0typ

