

## APPLICATIONS

Unit

mA

mA

nA

$\mu$ C

nF

pF

ns

ns

ns

ns

ns

ns

ns

ns

mJ

mJ

mJ

mJ

mJ

mJ

K /W

Unit

ns

A

$\mu$ C

mJ

$R_{thJCD}$  Junction to Case Thermal Resistance

K /W

Unit

V

Nm

Nm

g

$I_c$  A

Figure 5. Switching Energy vs Collector Current IGBT-inverter

$I_c(A)$

$T_c$  ( )

Figure 7. Collector Current vs Case temperature IGBT -inverter

$V_{CE}$  V

Figure 6. Reverse Biased Safe Operating Area IGBT-inverter

$I_F(A)$

$T_c$  ( )



