

- ¶ IGBT CHIP(T4 Fast Trench+Field Stop technology)
- ¶ High short circuit capability,self limiting short circuit current
- ¶ $V_{CE(sat)}$ with positive temperature coefficient

tailg dices (w)13.3(ith(f)-14a)4.2st and so(f)-14ti

- ¶ Temperature sense included

APPLICATIONS

- ¶ High frequency switching application
- ¶ Medical applications
- ¶ Motion/servo control
- ¶ UPS systems

Unit

mA
mA
nA

μ C
nF
pF

ns
ns
ns
ns

$T_J=150$ 70

$T=125$ 100

ns
ns
ns

MMG75H120H6HN

$I_c(A)$

$E_{on}E_{off}(mJ)$

$V_{GE} \text{ \AA V \AA}$

Figure 3. Typical Transfer characteristics IGBT-inverter

$R_g \text{ \AA \AA}$

Figure 4. Switching Ener

I_c

Figure 14. Circuit Diagram