

MMG450WB170B6EN

1700V 450A IGBT Module

April 2017

Version 2

RoHS Compliant

PRODUCT FEATURES

- ¶ IGBT3 CHIP(1700V Trench+Field Stop technology)
- ¶ Low turn-off losses, short tail current
- ¶ $V_{CE(sat)}$ with positive temperature coefficient
- ¶ 2700

APPLICATIONS

Diode-inU0.08 TJ 9.2456 0 0 9.24 83.28 151.8803 Tm .0023 Tc -.0076 Tw [(Repet)7.6(it)7.6(ive P)7.4(eak Forw)10.6(ard C

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IGBT-inverter

ELECTRICAL CHARACTERISTICS ($T_c=25^\circ\text{C}$ unless otherwise specified)

Unit

mA

mA

nA

μC

nF

nF

ns

ns

ns

ns

ns

ns

ns

MMG450WB170B6EN

$I_c(A)$

$E_{on}E$

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$I_F(A)$

$E_{REC}(mJ)$

$V_F(V)$

Figure 14. Circuit Diagram