

# MMG225WB170B6EN

1700V 225A 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
  - ¶  $I_{CM}$  @  $t_p=1ms$ ,  $T_{Jmax}=175$
- A

## APPLICATIONS

		$C=100$ , $T_{Jmax}=175$	225
$I_{CM}$	Repetitive Peak Collector Current	$t_p=1ms$	450
$P_{tot}$	Power Dissipation Per IGBT	$T_C=25$ , $T_{Jmax}=175$	1650

### Diode-inverter

ABSOLUTE MAXIMUM RATINGS ( $T_C=25^{\circ}C$  unless otherwise specified)

Symbol	Parameter/Test Conditions	Values
$V_{RRM}$	Repetitive Reverse Voltage $T_J=25$	1700
$I_{F(AV)}$	Average Forward Current	225
$I_{FRM}$		

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Figure 14. Circuit Diagram

Dimensions in (mm)  
Figure 15. Package Outline