

## IGBT

High speed IGBT in Trench and Fieldstop technology

## IGW60N60H3

600V high speed switching series third generation

Data sheet

### High speed IGBT in Trench and Fieldstop technology

#### Features:

TRENCHSTOP™ technology offering

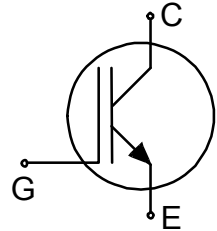
- very low turn-off energy
- low  $V_{CEsat}$
- low EMI
- maximum junction temperature 175°C
- qualified according to JEDEC for target applications
- Pb-free lead plating, halogen-free mould compound, RoHS compliant
- complete product spectrum and PSpice Models:  
<http://www.infineon.com/igbt/>

#### Applications:

- uninterruptible power supplies
- welding converters
- converters with high switching frequency

#### Package pin definition:

- Pin 1 - gate
- Pin 2 & backside - collector
- Pin 3 - emitter



#### Key Performance and Package Parameters

Type	$V_{CE}$	$I_C$	$V_{CEsat}, T_{vj}=25^\circ\text{C}$	$T_{vjmax}$	Marking	Package
IGW60N60H3	600V	60A	1.85V	175°C	G60H603	PG-TO247-3