

## IGBT

High speed IGBT in Trench and Fieldstop technology

## IGW75N60H3

600V high speed switching series third generation

Data sheet

Industrial & Multimarket

### High speed IGBT in Trench and Fieldstop technology

**Features:**

TRENCHSTOP™ technology offering

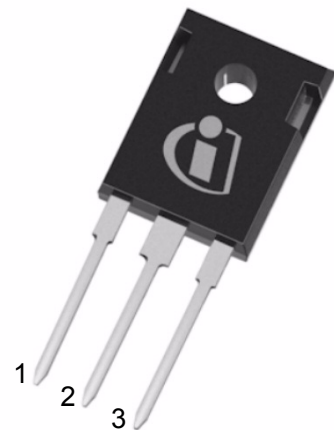
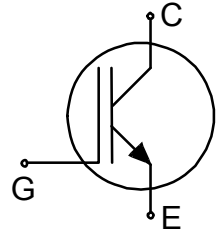
- very low  $V_{CEsat}$
- low EMI
- maximum junction temperature 175°C
- qualified according to JEDEC for target applications
- Pb-free lead plating, halogen-free mould compound, RoHS compliant
- complete product spectrum and PSpice Models:  
<http://www.infineon.com/igbt/>

**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	$V_{CE}$	$I_C$	$V_{CEsat}, T_{vj}=25^{\circ}C$	$T_{vjmax}$	Marking	Package
IGW75N60H3	600V	75A	1.85V	175°C	G75H603	PG-TO247-3