

IGBT

TRENCHSTOP™ Performance technology

IGW50N60TP

600V IGBT TRENCHSTOP™ Performance series

Data sheet

Industrial Power Control

High speed IGBT in Trench and Fieldstop technology

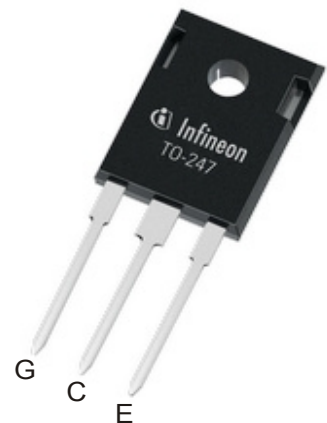
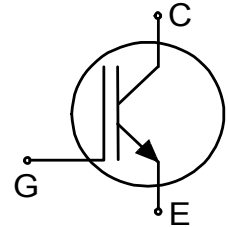
Features:

TRENCHSTOP™ technology offering

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

Applications:

- drives
- solar inverters
- uninterruptible power supplies
- converters with medium switching frequency



Key Performance and Package Parameters

Type	V_{CE}	I_C	$V_{CEsat}, T_{vj}=25^{\circ}C$	T_{vjmax}	Marking	Package
IGW50N60TP	600V	50A	1.6V	175°C	G50DTP	PG-TO247-3