IGBT

High speed IGBT in Trench and Fieldstop technology

IGB30N60H3

600V high speed switching series third generation

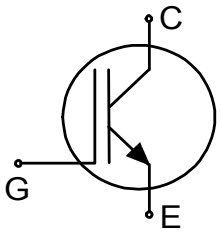
Data sheet

Industrial Power Control

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

Green

Halogen-Free

RoHS

Key Performance and Package Parameters

Type	V_{CE}	I_C	V_{CEsat}, T_{vj}=25°C	T_{vjmax}	Marking	Package
IGB30N60H3	600V	30A	1.95V	175°C	G30H603	PG-TO263-3