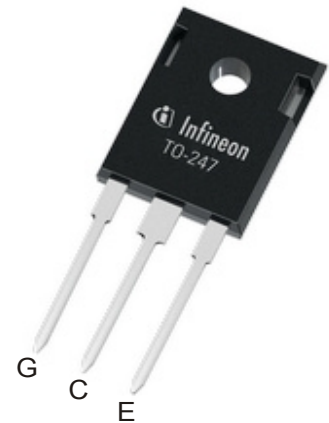
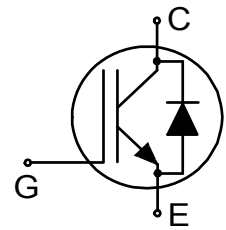


Resonant Switching Series

Reverse conducting IGBT with monolithic body diode

Features:

- Powerful monolithic body diode with low forward voltage
- TRENCHSTOP™ technology applications offers:
 - very tight parameter distribution
 - high ruggedness, temperature stable behavior
 - low V_{CEsat}
 - easy parallel switching capability due to positive temperature coefficient in V_{CEsat}
- Low EMI
- Pb-free lead plating; RoHS compliant; halogen free (according IEC 61249-2-21)
- Complete product spectrum and PSpice Models:
<http://www.infineon.com/igbt/>

**Potential Applications:**

- Induction Cooking
- Microwave Ovens

Product Validation:

Qualified for industrial applications according to the relevant tests of JEDEC47/20/22

**Key Performance and Package Parameters**

Type	V_{CE}	I_C	$V_{CEsat}, T_{vj}=25^{\circ}C$	T_{vjmax}	Marking	Package
IHW30N160R5	1600V	30A	1.85V	175°C	H30SR5	PG-TO247-3

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