


## IGBT, 1200V 50A FS2 Solar/UPS

<b>Manufacturer:</b>	<u>ON Semiconductor, LLC</u>
<b>Package/Case:</b>	TO-247
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	LTB



Images are for reference only

[Inquiry](#)

### General Description

This Insulated Gate Bipolar Transistor (IGBT) features a robust and cost effective Field Stop II Trench construction, and provides superior performance in demanding switching applications, offering both low on state voltage and minimal switching loss. The IGBT is well suited for UPS and solar applications. Incorporated into the device is a soft and fast recovery free wheeling diode with a low forward voltage.

### Key Features

Extremely Efficient Trench with Field Stop Technology

$T_{Jmax} = 175^{\circ}C$

Soft Fast Reverse Recovery Diode

Optimized for High Speed Switching

10 $\mu$ s Short Circuit Capability

### Application

Solar Inverter

Uninterruptible Power Inverter Supplies (UPS)

Welding

### Recommended For You

#### NGTB40N120FL3WG

ON Semiconductor, LLC

TO-247

#### NGTB50N60FLWG

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#### NGTB25N120LWG

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#### NGTB25N120FL2WG

ON Semiconductor, LLC

TO-247

#### NGB8202NT4

ON Semiconductor, LLC

TO-263

#### NGIB75N65FL2WG

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**NGTB40N60IHLWG**

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**NGTB40N120FL2WG**

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**NGTB40N120L3WG**

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**NGTB15N120FL2WG**

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**NGTB35N65FL2WG**

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**NGTB05N60R2DT4G**

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TO252

**NGTB25N120FL3WG**

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**NGTB15N120IHLWG**

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**NGTB30N135IHRWG**

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