
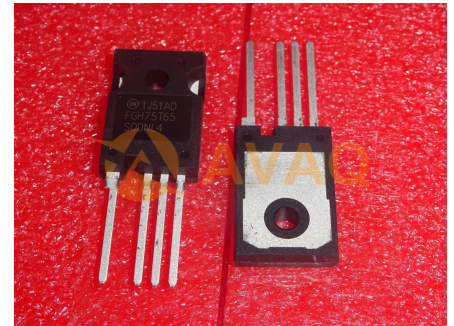


IGBT, Field Stop IV/4 Lead

Manufacturer:	<u>ON Semiconductor, LLC</u>
Package/Case:	TO247
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

This Insulated Gate Bipolar Transistor (IGBT) features a robust and cost effective Field Stop IV Trench construction, and provides superior performance in demanding switching applications, offering both low on state voltage and minimal switching loss. In addition, this new device is packaged in a TO-247-4L package that provides significant reduction in Eon Losses compared to standard TO-247-3L package. The IGBT is well suited for UPS and solar applications. Incorporated into the device is a soft and fast packaged freewheeling diode with a low forward voltage.

Key Features

- Extremely Efficient Trench with Field Stop Technology
- $T_{Jmax} = 175^{\circ}C$
- Improved Gate Control Lowers Switching Losses
- Separate Emitter Drive Pin
- TO-247-4L for Minimal Eon Losses
- Optimized for High Speed Switching
- These are Pb-Free Devices

Application

- Solar Inverter
- Uninterruptible Power Inverter Supplies
- Neutral Point Clamp Topology



Recommended For You

FGH40N60SFDTU

ON Semiconductor, LLC

TO-247

FGL60N100BNTD

ON Semiconductor, LLC

TO-264

FGA60N65SMD

ON Semiconductor, LLC

TO-3P

FGA40N65SMD

ON Semiconductor, LLC

TO-3P

FGH75T65UPD

ON Semiconductor, LLC

TO-247

FGH75T65SHDILA

ON Semiconductor, LLC

TO-247-4

FGH40T120SQDNL4

ON Semiconductor, LLC

TO-247

FGH80N60FDTU

ON Semiconductor, LLC

TO-247

FGH40T100SMD

ON Semiconductor, LLC

TO-247

FGY75T120SQDN

ON Semiconductor, LLC

TO-247

FGH40T65UPD

ON Semiconductor, LLC

TO-247

FGA30T65SHD

ON Semiconductor, LLC

TO-3P

FGD3040G2-F085C

ON Semiconductor, LLC

TO-252

FGA40T65SHD

ON Semiconductor, LLC

TO-3P

FGA30N65SMD

ON Semiconductor, LLC

TO-3P