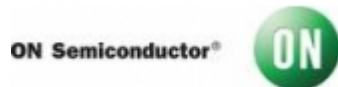
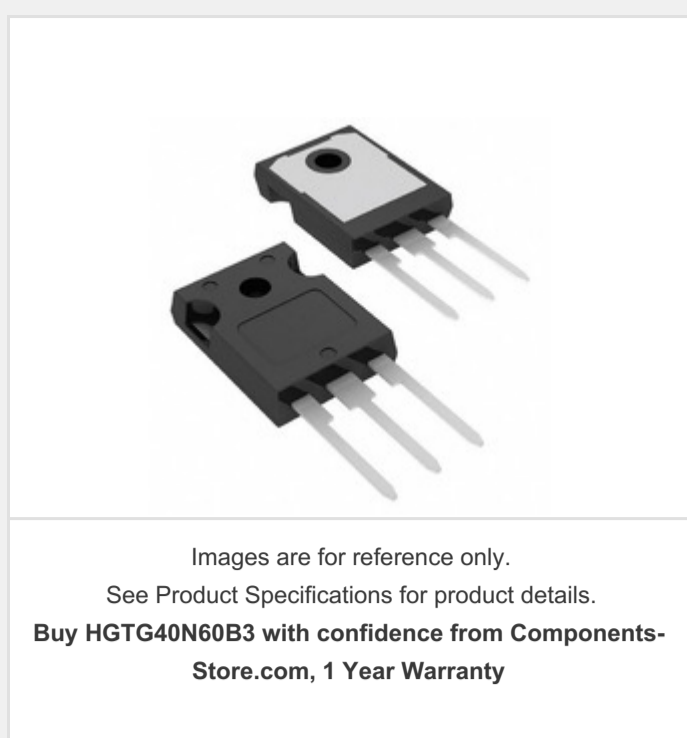


## HGTG40N60B3



**Part Number:** [HGTG40N60B3](#)  
**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)  
**Description:** IGBT 600V 70A 290W TO247  
**Data sheet:** [PDF HGTG40N60B3](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">HGTG40N60B3</a>
Manufacturer	<a href="#">AMI Semiconductor / ON Semiconductor</a>
Description	IGBT 600V 70A 290W TO247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10220 pcs
Product Photo	<a href="#">HGTG40N60B3.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2V @ 15V, 40A
Test Condition	480V, 40A, 3 Ohm, 15V
Td (on/off) @ 25°C	47ns/170ns
Switching Energy	1.05mJ (on), 800µJ (off)
Supplier Device Package	TO-247
Series	-
Power - Max	290W
Packaging	Tube
Package / Case	TO-247-3
Other Names	HGTG40N60B3-ND HGTG40N60B3FS
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Standard
IGBT Type	-
Gate Charge	250nC
Detailed Description	IGBT 600V 70A 290W Through Hole TO-247
Current - Collector Pulsed (Icm)	330A
Current - Collector (Ic) (Max)	70A

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	Part#: <a href="#">HGTP12N60C3D</a> Description: IGBT 600V 24A 104W TO220AB Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 49487 <a href="#">RFQ</a>
	Part#: <a href="#">HGTP12N60C3</a> Description: IGBT 600V 24A 104W TO220AB Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 5546 <a href="#">RFQ</a>
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	Part#: <a href="#">HGTG40N60A4</a> Description: IGBT 600V 75A 625W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 9896 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG30N60A4</a> Description: IGBT 600V 75A 463W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 20690 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG20N60B3D</a> Description: IGBT 600V 40A 165W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 27785 <a href="#">RFQ</a>
	Part#: <a href="#">HGTP10N120BN</a> Description: IGBT 1200V 35A 298W TO220AB Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 47660 <a href="#">RFQ</a>
	Part#: <a href="#">HGTP20N60A4</a> Description: IGBT 600V 70A 290W TO220AB Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 53928 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG30N60C3D</a> Description: IGBT 600V 63A 208W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 20004 <a href="#">RFQ</a>
	Part#: <a href="#">HGTP12N60A4</a> Description: IGBT 600V 54A 167W TO220AB Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 4954 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG7N60A4</a> Description: IGBT 600V 34A 125W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 4549 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG27N120BN</a> Description: IGBT 1200V 72A 500W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 24431 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG30N60B3D</a> Description: IGBT 600V 60A 208W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 22991 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG30N60B3</a> Description: IGBT 600V 60A 208W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 32683 <a href="#">RFQ</a>
	Part#: <a href="#">HGTP12N60A4D</a> Description: IGBT 600V 54A 167W TO220AB Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 64373 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG20N60B3</a> Description: IGBT 600V 40A 165W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 35039 <a href="#">RFQ</a>
	Part#: <a href="#">HGTG7N60A4D</a> Description: IGBT 600V 34A 125W TO247 Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> In Stock: 42543 <a href="#">RFQ</a>

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