











	<h2 style="color: red;">HGTP5N120BND</h2>
 <p>Not Actual Photo YIC International Co., Limited.</p>	<p><b>Manufacturer Part Number:</b> HGTP5N120BND</p> <p><b>Manufacturer/Brand:</b> AMI Semiconductor / ON Semiconductor</p> <p><b>Part of Description:</b> IGBT 1200V 21A 167W TO220AB</p> <p><b>Datasheets:</b>   <a href="#">1.HGTP5N120BND.pdf</a>   <a href="#">2.HGTP5N120BND.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 2629 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	HGTP5N120BND
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IGBT 1200V 21A 167W TO220AB
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	2629 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 5A
Test Condition	960V, 5A, 25 Ohm, 15V
Td (on/off) @ 25°C	22ns/160ns
Switching Energy	450µJ (on), 390µJ (off)
Supplier Device Package	TO-220AB
Series	-
Reverse Recovery Time (trr)	65ns
Power - Max	167W
Packaging	Tube
Package / Case	TO-220-3
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	NPT
Gate Charge	53nC
Detailed Description	IGBT NPT 1200V 21A 167W Through Hole TO-220AB
Current - Collector Pulsed (Icm)	40A
Current - Collector (Ic) (Max)	21A

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 <p><b>HGTP7N60A4 G7N60A4</b> FSC HGTP7N60A4 G7N60A4 FSC</p>	 <p><b>HGTP7N60A4</b> AMI Semiconductor / ON Semiconductor IGBT 600V 34A 125W TO220AB</p>	 <p><b>HGTP3N60A4_0846+</b> FAIRCHI FAIRCHI TO-220</p>	 <p><b>HGTP3N60C3D</b> FAIRCHI HGTP3N60C3D FAIRCHI</p>

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