









 life.augmented	<b>Manufacturer Part Number:</b> <a href="#">STGPL6NC60DI</a>
	<b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a>
	<b>Part of Description:</b> IGBT 600V 14A 56W TO-220
	<b>Datasheets:</b>  <a href="#">STGPL6NC60DI.pdf</a>
<b>RoHs Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	<a href="#">STGPL6NC60DI</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Description	IGBT 600V 14A 56W TO-220
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - IGBTs -</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 3A
Test Condition	390V, 3A, 10 Ohm, 15V
Td (on/off) @ 25°C	6.7ns/46ns
Switching Energy	32μJ (on), 24μJ (off)
Supplier Device Package	TO-220FP
Series	PowerMESH™
Reverse Recovery Time (trr)	23ns
Power - Max	56W
Packaging	Tube
Package / Case	TO-220-3 Full Pack
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	-
Gate Charge	12nC
Current - Collector Pulsed (Icm)	18A
Current - Collector (Ic) (Max)	14A

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