



### **STGP40V60F Information**



For Reference Only

Part Number STGP40V60F

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

**Description** IGBT 600V 80A 283W TO220AB

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **STGP40V60F Specifications**

Manufacturer Part Number	STGP40V60F
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - IGBTs - Single
Package	TO-220-3
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	160A
Vce(on) (Max) @ Vge, Ic	2.3V @ 15V, 40A
Power - Max	283W
Switching Energy	456μJ (on), 411μJ (off)
Input Type	Standard
Gate Charge	226nC
Td (on/off) @ 25°C	52ns/208ns
Test Condition	400V, 40A, 10 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220
	Report errors?

### **STGP40V60F Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### STGP40V60F Payment Methods



















## STGP40V60F Shipping Methods













If you have any question about STGP40V60F, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com