

STGD5H60DF Information


For Reference Only

Part Number [STGD5H60DF](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description TRENCH GATE FIELD-STOP IGBT, H S
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


STGD5H60DF Specifications

Manufacturer Part Number	STGD5H60DF
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	10A
Current - Collector Pulsed (Icm)	20A
Vce(on) (Max) @ Vge, Ic	1.95V @ 15V, 5A
Power - Max	83W
Switching Energy	56μJ (on), 78.5μJ (off)
Input Type	Standard
Gate Charge	43nC
Td (on/off) @ 25°C	30ns/140ns
Test Condition	400V, 5A, 47 Ohm, 15V
Reverse Recovery Time (trr)	134.5ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	DPAK

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STGD5H60DF 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.

STGD5H60DF Payment Methods



STGD5H60DF Shipping Methods



If you have any question about STGD5H60DF, please do not hesitate to contact us!

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