

STGD6M65DF2 Information


For Reference Only

Part Number [STGD6M65DF2](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description TRENCH GATE FIELD-STOP IGBT, M 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.


STGD6M65DF2 Specifications

| | |
|---|---|
| Manufacturer Part Number | STGD6M65DF2 |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products Transistors - IGBTs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | M |
| IGBT Type | Trench Field Stop |
| Voltage - Collector Emitter Breakdown (Max) | 650V |
| Current - Collector (Ic) (Max) | 12A |
| Current - Collector Pulsed (Icm) | 24A |
| Vce(on) (Max) @ Vge, Ic | 2V @ 15V, 6A |
| Power - Max | 88W |
| Switching Energy | 36µJ (on), 200µJ (off) |
| Input Type | Standard |
| Gate Charge | 21.2nC |
| Td (on/off) @ 25°C | 15ns/90ns |
| Test Condition | 400V, 6A, 22 Ohm, 15V |
| Reverse Recovery Time (trr) | 140ns |
| 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 | DKPAK |

[Report errors?](#)

STGD6M65DF2 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.

STGD6M65DF2 Payment Methods



STGD6M65DF2 Shipping Methods



If you have any question about STGD6M65DF2, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com