

**APT45GR65SSCD10 Information**


For Reference Only

**Part Number** [APT45GR65SSCD10](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** INSULATED GATE BIPOLAR TRANSISTO  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**APT45GR65SSCD10 Specifications**

Manufacturer Part Number	<a href="#">APT45GR65SSCD10</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	118A
Current - Collector Pulsed (Icm)	224A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 45A
Power - Max	543W
Switching Energy	-
Input Type	Standard
Gate Charge	203nC
Td (on/off) @ 25°C	15ns/100ns
Test Condition	433V, 45A, 4.3 Ohm, 15V
Reverse Recovery Time (trr)	80ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D3Pak

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## APT45GR65SSCD10 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.

## APT45GR65SSCD10 Payment Methods



## APT45GR65SSCD10 Shipping Methods



If you have any question about APT45GR65SSCD10, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)