

**APTGT50A60T1G Information**


For Reference Only

**Part Number** [APTGT50A60T1G](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Modules](#)  
**Description** IGBT MOD TRENCH PHASE LEG SP1  
**Package** SP1  
 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.


**APTGT50A60T1G Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                    | <a href="#">APTGT50A60T1G</a>  |
| Manufacturer                                | Microsemi Corporation  |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - IGBTs - Modules</a> |
| Package                                     | SP1  |
| Series                                      | -  |
| IGBT Type                                   | Trench Field Stop  |
| Configuration                               | Half Bridge  |
| Voltage - Collector Emitter Breakdown (Max) | 600V   |
| Current - Collector (Ic) (Max)              | 80A  |
| Power - Max                                 | 176W   |
| Vce(on) (Max) @ Vge, Ic                     | 1.9V @ 15V, 50A  |
| Current - Collector Cutoff (Max)            | 250µA  |
| Input Capacitance (Cies) @ Vce              | 3.15nF @ 25V   |
| Input                                       | Standard   |
| NTC Thermistor                              | Yes  |
| Operating Temperature                       | -40°C ~ 175°C (TJ)   |
| Mounting Type                               | Chassis Mount  |
| Package / Case                              | SP1  |
| Supplier Device Package                     | SP1  |

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## APTGT50A60T1G 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.

## APTGT50A60T1G Payment Methods



## APTGT50A60T1G Shipping Methods



If you have any question about APTGT50A60T1G, please do not hesitate to contact us!

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

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