

**APT50DSK10T3G Information**


For Reference Only

**Part Number** [APT50DSK10T3G](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 500V 37A SP3  
**Package** SP3  
 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.


**APT50DSK10T3G Specifications**

|                                                               |                                                                                         |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number                                      | <a href="#">APT50DSK10T3G</a>                                                           |
| Manufacturer                                                  | Microsemi Corporation                                                                   |
| Category                                                      | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Arrays</a> |
| Package                                                       | SP3                                                                                     |
| Series                                                        | -                                                                                       |
| FET Type                                                      | 2 N-Channel (Dual)                                                                      |
| FET Feature                                                   | Standard                                                                                |
| Drain to Source Voltage (V <sub>dss</sub> )                   | 500V                                                                                    |
| Current - Continuous Drain (I <sub>d</sub> ) @ 25°C           | 37A                                                                                     |
| R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>   | 120 mOhm @ 18.5A, 10V                                                                   |
| V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>                    | 5V @ 1mA                                                                                |
| Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>         | 96nC @ 10V                                                                              |
| Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub> | 4367pF @ 25V                                                                            |
| Power - Max                                                   | 312W                                                                                    |
| Operating Temperature                                         | -40°C ~ 150°C (TJ)                                                                      |
| Mounting Type                                                 | Chassis Mount                                                                           |
| Package / Case                                                | SP3                                                                                     |
| Supplier Device Package                                       | SP3                                                                                     |

[Report errors?](#)

## APTM50DSK10T3G 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.

## APTM50DSK10T3G Payment Methods



## APTM50DSK10T3G Shipping Methods



If you have any question about APTM50DSK10T3G, please do not hesitate to contact us!

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

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