

**BUD42D-1G Information**


For Reference Only

**Part Number** [BUD42D-1G](#)  
**Manufacturer** ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - Bipolar \(BJT\) - Single](#)  
**Description** TRANS NPN 350V 4A DPAK  
**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](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.


**BUD42D-1G Specifications**

|                                             |                                                                                         |
|---------------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number                    | <a href="#">BUD42D-1G</a>                                                               |
| Manufacturer                                | ON Semiconductor                                                                        |
| Category                                    | Discrete Semiconductor Products<br><a href="#">Transistors - Bipolar (BJT) - Single</a> |
| Package                                     | TO-252-3, DPak (2 Leads + Tab), SC-63                                                   |
| Series                                      | -                                                                                       |
| Transistor Type                             | NPN                                                                                     |
| Current - Collector (Ic) (Max)              | 4A                                                                                      |
| Voltage - Collector Emitter Breakdown (Max) | 350V                                                                                    |
| Vce Saturation (Max) @ Ib, Ic               | 1V @ 500mA, 2A                                                                          |
| Current - Collector Cutoff (Max)            | 100μA                                                                                   |
| DC Current Gain (hFE) (Min) @ Ic, Vce       | 10 @ 2A, 5V                                                                             |
| Power - Max                                 | 25W                                                                                     |
| Frequency - Transition                      | -                                                                                       |
| Operating Temperature                       | -65°C ~ 150°C (TJ)                                                                      |
| Mounting Type                               | Surface Mount                                                                           |
| Package / Case                              | TO-252-3, DPak (2 Leads + Tab), SC-63                                                   |
| Supplier Device Package                     | DPAK-3                                                                                  |

[Report errors?](#)

## BUD42D-1G 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.

## BUD42D-1G Payment Methods



## BUD42D-1G Shipping Methods



If you have any question about BUD42D-1G, please do not hesitate to contact us!

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

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