

**AP1086D18L-U Information**


For Reference Only

**Part Number** [AP1086D18L-U](#)  
**Manufacturer** Diodes Incorporated  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - Linear](#)  
**Description** IC REG LINEAR 1.8V 1.5A TO252-3  
**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.


**AP1086D18L-U Specifications**

|                              |   |
|------------------------------|---|
| Manufacturer Part Number     | <a href="#">AP1086D18L-U</a>  |
| Manufacturer                 | Diodes Incorporated   |
| Category                     | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - Linear</a> |
| Package                      | TO-252-3, DPak (2 Leads + Tab), SC-63   |
| Series                       | -   |
| Output Configuration         | Positive  |
| Output Type                  | Fixed   |
| Number of Regulators         | 1   |
| Voltage - Input (Max)        | 12V   |
| Voltage - Output (Min/Fixed) | 1.8V  |
| Voltage - Output (Max)       | -   |
| Voltage Dropout (Max)        | -   |
| Current - Output             | 1.5A  |
| Current - Quiescent (Iq)     | -   |
| Current - Supply (Max)       | 10mA  |
| PSRR                         | 60dB (120Hz)  |
| Control Features             | -   |
| Protection Features          | Over Current, Over Temperature  |
| Operating Temperature        | 0°C ~ 125°C   |
| Mounting Type                | Surface Mount   |
| Package / Case               | TO-252-3, DPak (2 Leads + Tab), SC-63   |
| Supplier Device Package      | TO-252-3  |

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## AP1086D18L-U 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.

## AP1086D18L-U Payment Methods



## AP1086D18L-U Shipping Methods



If you have any question about AP1086D18L-U, please do not hesitate to contact us!

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

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