

**KA7806E Information**


For Reference Only

**Part Number** [KA7806E](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Integrated Circuits (ICs)  
     [PMIC - Voltage Regulators - Linear](#)  
**Description** IC REG LINEAR 6V 1A TO220-3  
**Package** TO-220-3  
 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.


**KA7806E Specifications**

|                              |   |
|------------------------------|---|
| Manufacturer Part Number     | <a href="#">KA7806E</a>   |
| Manufacturer                 | Fairchild/ON Semiconductor  |
| Category                     | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - Linear</a> |
| Package                      | TO-220-3  |
| Series                       | -   |
| Output Configuration         | Positive  |
| Output Type                  | Fixed   |
| Number of Regulators         | 1   |
| Voltage - Input (Max)        | 35V   |
| Voltage - Output (Min/Fixed) | 6V  |
| Voltage - Output (Max)       | -   |
| Voltage Dropout (Max)        | 2V @ 1A (Typ)   |
| Current - Output             | 1A  |
| Current - Quiescent (Iq)     | -   |
| Current - Supply (Max)       | 8mA   |
| PSRR                         | 75dB (120Hz)  |
| Control Features             | -   |
| Protection Features          | Over Temperature, Short Circuit   |
| Operating Temperature        | -40°C ~ 125°C   |
| Mounting Type                | Through Hole  |
| Package / Case               | TO-220-3  |
| Supplier Device Package      | TO-220-3  |

[Report errors?](#)

## KA7806E 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.

## KA7806E Payment Methods



## KA7806E Shipping Methods



If you have any question about KA7806E, please do not hesitate to contact us!

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

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