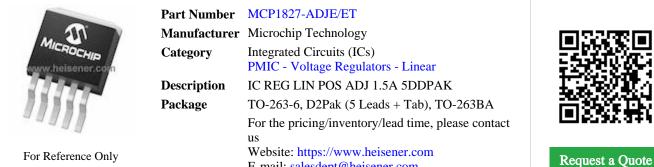


# MCP1827-ADJE/ET

#### **MCP1827-ADJE/ET Information**



E-mail: salesdept@heisener.com

For Reference Only

## **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.



## **MCP1827-ADJE/ET Specifications**

| Manufacturer Part Number     | MCP1827-ADJE/ET   |                |
|------------------------------|---|----------------|
| Manufacturer                 | Microchip Technology  |                |
| Category                     | Integrated Circuits (ICs)                                     |                |
|                              | PMIC - Voltage Regulators - Linear                            |                |
| Package                      | TO-263-6, D2Pak (5 Leads + Tab), TO-263BA                     |                |
| Series                       | -   |                |
| Output Configuration         | Positive  |                |
| Output Type                  | Adjustable  |                |
| Number of Regulators         | 1   |                |
| Voltage - Input (Max)        | 6V  |                |
| Voltage - Output (Min/Fixed) | 0.8V  |                |
| Voltage - Output (Max)       | 5V  |                |
| Voltage Dropout (Max)        | 0.6V @ 1.5A   |                |
| Current - Output             | 1.5A  |                |
| Current - Quiescent (Iq)     | -   |                |
| Current - Supply (Max)       | 220µA   |                |
| PSRR                         | 60dB (100Hz)  |                |
| Control Features             | Enable  |                |
| Protection Features          | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) |                |
| Operating Temperature        | $-40^{\circ}$ C ~ $125^{\circ}$ C                             |                |
| Mounting Type                | Surface Mount   |                |
| Package / Case               | TO-263-6, D2Pak (5 Leads + Tab), TO-263BA                     |                |
| Supplier Device Package      | 5-DDPAK   |                |
|                              |   | Report errors? |

### MCP1827-ADJE/ET 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.

DISCOVER

### MCP1827-ADJE/ET Payment Methods



## MCP1827-ADJE/ET Shipping Methods



If you have any question about MCP1827-ADJE/ET, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com