



### **MAX642ACPA+ Information**



For Reference Only

Part Number MAX642ACPA+
Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

**Description** IC REG BOOST ADJ/12V 0.45A 8DIP

**Package** 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









# **MAX642ACPA+ Specifications**

| Manufacturer Part Number     | MAX642ACPA+  |
|------------------------------|--|
| Manufacturer                 | Maxim Integrated   |
| Category                     | Integrated Circuits (ICs)                                |
|                              | PMIC - Voltage Regulators - DC DC Switching Regulators   |
| Package                      | 8-DIP (0.300", 7.62mm)                                   |
| Series                       | -  |
| Function                     | Step-Up  |
| Output Configuration         | Positive   |
| Topology                     | Boost  |
| Output Type                  | Adjustable (Fixed)                                       |
| Number of Outputs            | 1  |
| Voltage - Input (Min)        | 2V   |
| Voltage - Input (Max)        | 16.5V  |
| Voltage - Output (Min/Fixed) | 1.31V (12V)  |
| Voltage - Output (Max)       | 18V (Switch)   |
| Current - Output             | 450mA (Switch)   |
| Frequency - Switching        | 50kHz  |
| Synchronous Rectifier        | No   |
| Operating Temperature        | $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ |
| Mounting Type                | Through Hole   |
| Package / Case               | 8-DIP (0.300", 7.62mm)                                   |
| Supplier Device Package      | 8-PDIP   |
|                              | Report errors?   |

#### MAX642ACPA+ 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.

## **MAX642ACPA+ Payment Methods**









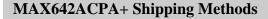
























If you have any question about MAX642ACPA+, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com