

MCP1642DT-50I/MC Information


For Reference Only

Part Number MCP1642DT-50I/MC
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
 PMIC - Voltage Regulators - DC DC Switching Regulators
Description IC REG BOOST SYNC 5V 1.8A
Package 8-VDFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


MCP1642DT-50I/MC Specifications

| | |
|------------------------------|---|
| Manufacturer Part Number | MCP1642DT-50I/MC |
| Manufacturer | Microchip Technology |
| Category | Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators |
| Package | 8-VDFN Exposed Pad |
| Series | - |
| Function | Step-Up |
| Output Configuration | Positive |
| Topology | Boost |
| Output Type | Fixed |
| Number of Outputs | 1 |
| Voltage - Input (Min) | 0.65V |
| Voltage - Input (Max) | 5.5V |
| Voltage - Output (Min/Fixed) | 5V |
| Voltage - Output (Max) | - |
| Current - Output | 800mA |
| Frequency - Switching | 1MHz |
| Synchronous Rectifier | Yes |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | Surface Mount |
| Package / Case | 8-VDFN Exposed Pad |
| Supplier Device Package | 8-DFN (2x3) |

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MCP1642DT-50I/MC 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.

MCP1642DT-50I/MC Payment Methods



MCP1642DT-50I/MC Shipping Methods



If you have any question about MCP1642DT-50I/MC, please do not hesitate to contact us!

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