

MIC2042-2BTS Information


For Reference Only

Part Number [MIC2042-2BTS](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description IC DISTRIBUTION SW SGL 14-TSSOP
Package 14-TSSOP (0.173", 4.40mm Width)
 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.


MIC2042-2BTS Specifications

| | |
|----------------------------|---|
| Manufacturer Part Number | MIC2042-2BTS |
| Manufacturer | Microchip Technology |
| Category | Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers |
| Package | 14-TSSOP (0.173", 4.40mm Width) |
| Series | - |
| Switch Type | General Purpose |
| Number of Outputs | 1 |
| Ratio - Input:Output | 1:1 |
| Output Configuration | High Side |
| Output Type | N-Channel |
| Interface | On/Off |
| Voltage - Load | 0.8 V ~ 5.5 V |
| Voltage - Supply (Vcc/Vdd) | 1.6 V ~ 5.5 V |
| Current - Output (Max) | 3A |
| Rds On (Typ) | 40 mOhm |
| Input Type | Non-Inverting |
| Features | Slew Rate Controlled, Status Flag |
| Fault Protection | Current Limiting (Adjustable), Open Load Detect, Over Temperature, UVLO |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Package / Case | 14-TSSOP (0.173", 4.40mm Width) |
| Supplier Device Package | 14-TSSOP |

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MIC2042-2BTS 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.

MIC2042-2BTS Payment Methods



MIC2042-2BTS Shipping Methods



If you have any question about MIC2042-2BTS, please do not hesitate to contact us!

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