

SI9145BQ-T1-E3 Information


For Reference Only

Part Number [SI9145BQ-T1-E3](#)
Manufacturer Vishay Siliconix
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)
Description IC REG CTRLR BUCK/BOOST 16TSSOP
Package 16-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


[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.


SI9145BQ-T1-E3 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | SI9145BQ-T1-E3 |
| Manufacturer | Vishay Siliconix |
| Category | Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers |
| Package | 16-TSSOP (0.173", 4.40mm Width) |
| Series | - |
| Output Type | Transistor Driver |
| Function | Step-Up/Step-Down |
| Output Configuration | Positive |
| Topology | Buck, Boost |
| Number of Outputs | 1 |
| Output Phases | 1 |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 7 V |
| Frequency - Switching | 2kHz ~ 2MHz |
| Duty Cycle (Max) | 100% |
| Synchronous Rectifier | Yes |
| Clock Sync | No |
| Serial Interfaces | - |
| Control Features | Enable, Frequency Control, Soft Start |
| Operating Temperature | -25°C ~ 85°C (TA) |
| Package / Case | 16-TSSOP (0.173", 4.40mm Width) |
| Supplier Device Package | 16-TSSOP |

[Report errors?](#)

SI9145BQ-T1-E3 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.

SI9145BQ-T1-E3 Payment Methods



SI9145BQ-T1-E3 Shipping Methods



If you have any question about SI9145BQ-T1-E3, please do not hesitate to contact us!

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