

SI9145BY-T1-E3 Information


For Reference Only

Part Number [SI9145BY-T1-E3](#)
Manufacturer Vishay Siliconix
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)
Description IC REG CTRLR BUCK/BOOST 16SOIC
Package 16-SOIC (0.154", 3.90mm 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.


SI9145BY-T1-E3 Specifications

Manufacturer Part Number	SI9145BY-T1-E3
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	16-SOIC (0.154", 3.90mm 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-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC

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SI9145BY-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.

SI9145BY-T1-E3 Payment Methods



SI9145BY-T1-E3 Shipping Methods



If you have any question about SI9145BY-T1-E3, please do not hesitate to contact us!

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