

**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](mailto: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.


**SI9145BY-T1-E3 Specifications**

Manufacturer Part Number	<a href="#">SI9145BY-T1-E3</a>
Manufacturer	Vishay Siliconix
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Controllers</a>
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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