



### **BAT54WS-HE3-18 Information**



For Reference Only

Part Number BAT54WS-HE3-18

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 30V 200MA SOD323

Package SC-76, SOD-323

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.









## **BAT54WS-HE3-18 Specifications**

Manufacturer Part Number       BAT54WS-HE3-18         Manufacturer       Vishay Semiconductor Diodes Division         Category       Discrete Semiconductor Products         Diodes - Rectifiers - Single         Package       SC-76, SOD-323         Series       Automotive, AEC-Q101         Diode Type       Schottky         Voltage - DC Reverse (Vr) (Max)       30V         Current - Average Rectified (Io)       200mA (DC)         Voltage - Forward (Vf) (Max) @ If       800mV @ 100mA         Speed       Small Signal =< 200mA (Io), Any Speed         Reverse Recovery Time (trr)       5ns         Current - Reverse Leakage @ Vr       2μA @ 25V         Capacitance @ Vr, F       10pF @ 1V, 1MHz         Munting Type       Surface Munt		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSC-76, SOD-323SeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)200mA (DC)Voltage - Forward (Vf) (Max) @ If800mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer Part Number	BAT54WS-HE3-18
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Current - Average Rectified (Io) $200\text{mA}$ (DC)Voltage - Forward (Vf) (Max) @ If $800\text{mV}$ @ $100\text{mA}$ SpeedSmall Signal =< $200\text{mA}$ (Io), Any SpeedReverse Recovery Time (trr) $5\text{ns}$ Current - Reverse Leakage @ Vr $2\mu\text{A}$ @ $25\text{V}$ Capacitance @ Vr, F $10\text{pF}$ @ $1\text{V}$ , $1\text{MHz}$	Diode Type	Schottky
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$ \begin{array}{lll} \text{Speed} & \text{Small Signal} =< 200 \text{mA (Io), Any Speed} \\ \text{Reverse Recovery Time (trr)} & \text{5ns} \\ \text{Current - Reverse Leakage @ Vr} & 2 \mu \text{A} @ 25 \text{V} \\ \text{Capacitance @ Vr, F} & 10 \text{pF} @ 1 \text{V, 1MHz} \\ \end{array} $	Current - Average Rectified (Io)	200mA (DC)
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	Current - Reverse Leakage @ Vr	2μA @ 25V
Mayarting Type	Capacitance @ Vr, F	10pF @ 1V, 1MHz
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-76, SOD-323	Package / Case	SC-76, SOD-323
Supplier Device Package SOD-323	Supplier Device Package	SOD-323
Operating Temperature - Junction 125°C (Max)	Operating Temperature - Junction	125°C (Max)
Report errors?		Report errors?

#### **BAT54WS-HE3-18 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.

### **BAT54WS-HE3-18 Payment Methods**



















# **BAT54WS-HE3-18 Shipping Methods**













If you have any question about BAT54WS-HE3-18, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com