

**SG1843J-DESC Information**


For Reference Only

**Part Number** [SG1843J-DESC](#)  
**Manufacturer** Microsemi Corporation  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)  
**Description** IC REG CTRLR BUCK 14CDIP  
**Package** 14-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.


**SG1843J-DESC Specifications**

Manufacturer Part Number	<a href="#">SG1843J-DESC</a>
Manufacturer	Microsemi Corporation
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Controllers</a>
Package	14-SOIC (0.154", 3.90mm Width)
Series	Military, MIL-STD-883B
Output Type	Transistor Driver
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	7.6 V ~ 30 V
Frequency - Switching	1Hz ~ 500kHz
Duty Cycle (Max)	95%
Synchronous Rectifier	No
Clock Sync	No
Serial Interfaces	-
Control Features	-
Operating Temperature	-55°C ~ 125°C (TA)
Package / Case	14-SOIC (0.154", 3.90mm Width)
Supplier Device Package	14-SOIC

[Report errors?](#)

## SG1843J-DESC 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.

## SG1843J-DESC Payment Methods



## SG1843J-DESC Shipping Methods



If you have any question about SG1843J-DESC, please do not hesitate to contact us!

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