

**A3977SED Information**


For Reference Only

**Part Number** [A3977SED](#)  
**Manufacturer** Allegro MicroSystems, LLC  
**Category** Integrated Circuits (ICs)  
[PMIC - Motor Drivers, Controllers](#)  
**Description** IC MOTOR DRIVER PAR 44PLCC  
**Package** 44-LCC (J-Lead)  
 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.


**A3977SED Specifications**

Manufacturer Part Number	<a href="#">A3977SED</a>
Manufacturer	Allegro MicroSystems, LLC
Category	Integrated Circuits (ICs) <a href="#">PMIC - Motor Drivers, Controllers</a>
Package	44-LCC (J-Lead)
Series	-
Motor Type - Stepper	Bipolar
Motor Type - AC, DC	-
Function	Driver - Fully Integrated, Control and Power Stage
Output Configuration	Half Bridge (4)
Interface	Step/Direction
Technology	DMOS
Step Resolution	1, 1/2, 1/4, 1/8
Applications	General Purpose
Current - Output	2.5A
Voltage - Supply	3 V ~ 5.5 V
Voltage - Load	8 V ~ 35 V
Operating Temperature	-20°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	44-LCC (J-Lead)
Supplier Device Package	44-PLCC (16.59x16.59)

[Report errors?](#)

## A3977SED 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.

## A3977SED Payment Methods



## A3977SED Shipping Methods



If you have any question about A3977SED, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)