

**SA53HU Information**


For Reference Only

**Part Number** [SA53HU](#)  
**Manufacturer** Apex Microtechnology  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** IC MOTOR DRIVER PWM 44HSOP  
**Package** 44-BSSOP (0.433", 11.00mm Width) Exposed Pad  
 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.


**SA53HU Specifications**

Manufacturer Part Number	<a href="#">SA53HU</a>
Manufacturer	Apex Microtechnology
Category	Integrated Circuits (ICs) <a href="#">PMIC - Full, Half-Bridge Drivers</a>
Package	44-BSSOP (0.433", 11.00mm Width) Exposed Pad
Series	Apex Precision Power?
Output Configuration	Half Bridge (2)
Applications	DC Motors, General Purpose, Solenoids, Stepper Motors
Interface	PWM
Load Type	Inductive
Technology	DMOS
Rds On (Typ)	400 mOhm
Current - Output / Channel	3A
Current - Peak Output	10A
Voltage - Supply	4.5 V ~ 5.5 V
Voltage - Load	8.3 V ~ 60 V
Operating Temperature	-25°C ~ 150°C (TJ)
Features	-
Fault Protection	Current Limiting, Over Temperature, Shoot-Through, UVLO
Mounting Type	Surface Mount
Package / Case	44-BSSOP (0.433", 11.00mm Width) Exposed Pad
Supplier Device Package	44-HSOP

[Report errors?](#)

## SA53HU 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.

## SA53HU Payment Methods



## SA53HU Shipping Methods



If you have any question about SA53HU, please do not hesitate to contact us!

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

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