

**AP1023AEN Information**


For Reference Only

**Part Number** [AP1023AEN](#)  
**Manufacturer** AKM Semiconductor Inc.  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** IC MOTOR DRIVER 7V 24QFN  
**Package** 24-WFQFN 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.


**AP1023AEN Specifications**

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">AP1023AEN</a>                                                     |
| Manufacturer               | AKM Semiconductor Inc.                                                        |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Full, Half-Bridge Drivers</a> |
| Package                    | 24-WFQFN Exposed Pad                                                          |
| Series                     | -                                                                             |
| Output Configuration       | Half Bridge (4)                                                               |
| Applications               | General Purpose, Stepper Motors                                               |
| Interface                  | Logic                                                                         |
| Load Type                  | Inductive                                                                     |
| Technology                 | Power MOSFET                                                                  |
| Rds On (Typ)               | -                                                                             |
| Current - Output / Channel | 1.45A                                                                         |
| Current - Peak Output      | -                                                                             |
| Voltage - Supply           | 2.7 V ~ 5.5 V                                                                 |
| Voltage - Load             | 1.6 V ~ 6.5 V                                                                 |
| Operating Temperature      | -40°C ~ 150°C (TJ)                                                            |
| Features                   | -                                                                             |
| Fault Protection           | Over Temperature, UVLO                                                        |
| Mounting Type              | Surface Mount                                                                 |
| Package / Case             | 24-WFQFN Exposed Pad                                                          |
| Supplier Device Package    | 24-QFN (4x4)                                                                  |

[Report errors?](#)

## AP1023AEN 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.

## AP1023AEN Payment Methods



## AP1023AEN Shipping Methods



If you have any question about AP1023AEN, please do not hesitate to contact us!

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

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