

**IRSM505-055DA2 Information**


For Reference Only

**Part Number** [IRSM505-055DA2](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** IC MOTOR DRIVER 500V 23DIP  
**Package** 32-PowerDIP Module, 23 Leads  
 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.


**IRSM505-055DA2 Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">IRSM505-055DA2</a>  |
| Manufacturer               | Infineon Technologies   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Full, Half-Bridge Drivers</a> |
| Package                    | 32-PowerDIP Module, 23 Leads  |
| Series                     | IPM?-DIP  |
| Output Configuration       | Half Bridge (3)   |
| Applications               | AC Motors   |
| Interface                  | Logic   |
| Load Type                  | Inductive   |
| Technology                 | UMOS  |
| Rds On (Typ)               | 1.3 Ohm   |
| Current - Output / Channel | 2.4A  |
| Current - Peak Output      | 15A   |
| Voltage - Supply           | 13.5 V ~ 16.5 V   |
| Voltage - Load             | 400V (Max)  |
| Operating Temperature      | -40°C ~ 150°C (TJ)  |
| Features                   | Bootstrap Circuit   |
| Fault Protection           | UVLO  |
| Mounting Type              | Through Hole  |
| Package / Case             | 32-PowerDIP Module, 23 Leads  |
| Supplier Device Package    | 23-DIP  |

[Report errors?](#)

## IRSM505-055DA2 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.

## IRSM505-055DA2 Payment Methods



## IRSM505-055DA2 Shipping Methods



If you have any question about IRSM505-055DA2, please do not hesitate to contact us!

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