

**IR53HD420-P2 Information**


For Reference Only

**Part Number** [IR53HD420-P2](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[PMIC - Full, Half-Bridge Drivers](#)  
**Description** IC HALF BRIDGE SELF-OSC 9-SIP  
**Package** 9-SIP, 7 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.


**IR53HD420-P2 Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">IR53HD420-P2</a>  |
| Manufacturer               | Infineon Technologies   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Full, Half-Bridge Drivers</a> |
| Package                    | 9-SIP, 7 Leads  |
| Series                     | -   |
| Output Configuration       | Half Bridge   |
| Applications               | AC Motors   |
| Interface                  | On/Off  |
| Load Type                  | Inductive   |
| Technology                 | Power MOSFET  |
| Rds On (Typ)               | 3 Ohm   |
| Current - Output / Channel | 850mA   |
| Current - Peak Output      | -   |
| Voltage - Supply           | 10 V ~ 15.6 V   |
| Voltage - Load             | 500V (Max)  |
| Operating Temperature      | -55°C ~ 150°C (TJ)  |
| Features                   | Bootstrap Circuit, Internal Oscillator  |
| Fault Protection           | UVLO  |
| Mounting Type              | Through Hole  |
| Package / Case             | 9-SIP, 7 Leads  |
| Supplier Device Package    | 9-SIP, 7 Leads  |

[Report errors?](#)

## IR53HD420-P2 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.

## IR53HD420-P2 Payment Methods



## IR53HD420-P2 Shipping Methods



If you have any question about IR53HD420-P2, please do not hesitate to contact us!

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

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