

**BSD223P Information**


For Reference Only

**Part Number** [BSD223P](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2P-CH 20V 0.39A SOT363  
**Package** 6-VSSOP, SC-88, SOT-363  
 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.


**BSD223P Specifications**

Manufacturer Part Number	<a href="#">BSD223P</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	6-VSSOP, SC-88, SOT-363
Series	OptiMOS?
FET Type	2 P-Channel (Dual)
FET Feature	Logic Level Gate
Drain to Source Voltage (V <sub>ds</sub> )	20V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	390mA
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	1.2 Ohm @ 390mA, 4.5V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	1.2V @ 1.5μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	0.62nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	56pF @ 15V
Power - Max	250mW
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	6-VSSOP, SC-88, SOT-363
Supplier Device Package	PG-SOT363-6

[Report errors?](#)

## BSD223P 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.

## BSD223P Payment Methods



## BSD223P Shipping Methods



If you have any question about BSD223P, please do not hesitate to contact us!

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

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