

**FDPC5018SG Information**


For Reference Only

**Part Number** [FDPC5018SG](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 30V PWRCLIP56  
**Package** 8-PowerWDFN  
 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.


**FDPC5018SG Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                                      | <a href="#">FDPC5018SG</a>  |
| Manufacturer  | Fairchild/ON Semiconductor  |
| Category  | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Arrays</a> |
| Package   | 8-PowerWDFN   |
| Series  | PowerTrench?  |
| FET Type  | 2 N-Channel (Dual) Asymmetrical   |
| FET Feature   | Standard  |
| Drain to Source Voltage (V <sub>ds</sub> )                    | 30V   |
| Current - Continuous Drain (I <sub>d</sub> ) @ 25°C           | 17A, 32A  |
| R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>   | 5 mOhm @ 17A, 10V   |
| V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>                   | 3V @ 250μA  |
| Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>         | 24nC @ 10V  |
| Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub> | 1715pF @ 15V  |
| Power - Max   | 1W, 1.1W  |
| Operating Temperature   | -55°C ~ 150°C (TJ)  |
| Mounting Type   | Surface Mount   |
| Package / Case  | 8-PowerWDFN   |
| Supplier Device Package                                       | Power Clip 56   |

[Report errors?](#)

## FDPC5018SG 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.

## FDPC5018SG Payment Methods



## FDPC5018SG Shipping Methods



If you have any question about FDPC5018SG, please do not hesitate to contact us!

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

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