

**FDS6993 Information**


For Reference Only

**Part Number** [FDS6993](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2P-CH 30V/12V 8SOIC  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 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.


**FDS6993 Specifications**

|  |   |
|--|---|
| Manufacturer Part Number               | <a href="#">FDS6993</a>   |
| Manufacturer                           | Fairchild/ON Semiconductor  |
| Category                               | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Arrays</a> |
| Package                                | 8-SOIC (0.154", 3.90mm Width)   |
| Series                                 | PowerTrench?  |
| FET Type                               | 2 P-Channel (Dual)  |
| FET Feature                            | Logic Level Gate  |
| Drain to Source Voltage (Vdss)         | 30V, 12V  |
| Current - Continuous Drain (Id) @ 25°C | 4.3A, 6.8A  |
| Rds On (Max) @ Id, Vgs                 | 55 mOhm @ 4.3A, 10V   |
| Vgs(th) (Max) @ Id                     | 3V @ 250µA  |
| Gate Charge (Qg) (Max) @ Vgs           | 7.7nC @ 5V  |
| Input Capacitance (Ciss) (Max) @ Vds   | 530pF @ 15V   |
| Power - Max                            | 900mW   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)  |
| Mounting Type                          | Surface Mount   |
| Package / Case                         | 8-SOIC (0.154", 3.90mm Width)   |
| Supplier Device Package                | 8-SO  |

[Report errors?](#)

## FDS6993 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.

## FDS6993 Payment Methods



## FDS6993 Shipping Methods



If you have any question about FDS6993, please do not hesitate to contact us!

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

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