

FDS7779Z Information


For Reference Only

Part Number [FDS7779Z](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 30V 16A 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


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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.


FDS7779Z Specifications

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|--|---|
| Manufacturer Part Number | FDS7779Z |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | PowerTrench? |
| FET Type | P-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (V _{dss}) | 30V |
| Current - Continuous Drain (I _d) @ 25°C | 16A (T _a) |
| Drive Voltage (Max R _{ds On} , Min R _{ds On}) | 4.5V, 10V |
| V _{gs(th)} (Max) @ I _d | 3V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 98nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 3800pF @ 15V |
| V _{gs} (Max) | ±25V |
| FET Feature | - |
| Power Dissipation (Max) | 2.5W (T _a) |
| R _{ds On} (Max) @ I _d , V _{gs} | 7.2 mOhm @ 16A, 10V |
| Operating Temperature | -55°C ~ 150°C (T _J) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-SO |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |

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FDS7779Z 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.

FDS7779Z Payment Methods



FDS7779Z Shipping Methods



If you have any question about FDS7779Z, please do not hesitate to contact us!

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