

FDG6318P Information


For Reference Only

Part Number [FDG6318P](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2P-CH 20V 0.5A SC70-6
Package 6-TSSOP, SC-88, SOT-363
 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.


FDG6318P Specifications

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|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number | FDG6318P |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays |
| Package | 6-TSSOP, SC-88, SOT-363 |
| Series | - |
| FET Type | 2 P-Channel (Dual) |
| FET Feature | Logic Level Gate |
| Drain to Source Voltage (V _{ds}) | 20V |
| Current - Continuous Drain (I _d) @ 25°C | 500mA |
| R _{ds} On (Max) @ I _d , V _{gs} | 780 mOhm @ 500mA, 4.5V |
| V _{gs} (th) (Max) @ I _d | 1.5V @ 250μA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 1.2nC @ 4.5V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 83pF @ 10V |
| Power - Max | 300mW |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 6-TSSOP, SC-88, SOT-363 |
| Supplier Device Package | SC-70-6 |

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FDG6318P 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.

FDG6318P Payment Methods



FDG6318P Shipping Methods



If you have any question about FDG6318P, please do not hesitate to contact us!

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