

FDS89161LZ Information


For Reference Only

Part Number [FDS89161LZ](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET 2N-CH 100V 2.7A 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



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.


FDS89161LZ Specifications

Manufacturer Part Number	FDS89161LZ
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	8-SOIC (0.154", 3.90mm Width)
Series	PowerTrench?
FET Type	2 N-Channel (Dual)
FET Feature	Logic Level Gate
Drain to Source Voltage (V _{dss})	100V
Current - Continuous Drain (I _d) @ 25°C	2.7A
R _{ds} On (Max) @ I _d , V _{gs}	105 mOhm @ 2.7A, 10V
V _{gs} (th) (Max) @ I _d	2.2V @ 250µA
Gate Charge (Q _g) (Max) @ V _{gs}	5.3nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	302pF @ 50V
Power - Max	1.6W
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

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FDS89161LZ 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.

FDS89161LZ Payment Methods



FDS89161LZ Shipping Methods



If you have any question about FDS89161LZ, please do not hesitate to contact us!

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