

FDY102PZ Information


For Reference Only

Part Number [FDY102PZ](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 20V 0.83A SC89-3
Package SC-89, SOT-490
 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.


FDY102PZ Specifications

Manufacturer Part Number	FDY102PZ
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SC-89, SOT-490
Series	PowerTrench?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	830mA (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	3.1nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	135pF @ 10V
Vgs (Max)	±8V
FET Feature	-
Power Dissipation (Max)	625mW (Ta)
Rds On (Max) @ Id, Vgs	500 mOhm @ 830mA, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SC-89-3
Package / Case	SC-89, SOT-490

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FDY102PZ 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.

FDY102PZ Payment Methods



FDY102PZ Shipping Methods



If you have any question about FDY102PZ, please do not hesitate to contact us!

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