



#### **FDY102PZ Information**



For Reference Only

Part Number FDY102PZ

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products<br/>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
	Report errors?

### **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!

Website: https://www.heisener.com E-mail: salesdept@heisener.com