



# **FQD2N100TM Information**



For Reference Only

Part Number FQD2N100TM

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description**MOSFET N-CH 1000V 1.6A DPAK**Package**TO-252-3, DPak (2 Leads + Tab), SC-63

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.









# **FQD2N100TM Specifications**

Manufacturer Part Number  Manufacturer  Category  Discrete Semiconductor Products  Transistors - FETs, MOSFETs - Sing  Package  TO-252-3, DPak (2 Leads + Tab), SC  Series  QFET?  FET Type  N-Channel  Technology  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  Drive Voltage (Max Rds On, Min Rds On)  Pairchild/ON Semiconductor  Fairchild/ON Semiconductor  Fairchild/ON Semiconductor  Fairchild/ON Semiconductor  Fairchild/ON Semiconductor  Fairchild/ON Semiconductor  Fairchild/ON Semiconductor  Discrete Semiconductor  Transistors - FETs, MOSFETs - Sing  MOSFETs - Sing  TO-252-3, DPak (2 Leads + Tab), SC  QFET?  Indicate Part Number  Transistors - FETs, MOSFETs - Sing  To-252-3, DPak (2 Leads + Tab), SC  QFET?  Indicate Part Number  Technology  N-Channel  Technology  To-252-3, DPak (2 Leads + Tab), SC  QFET?  Indicate Part Number  To-252-3, DPak (2 Leads + Tab), SC  QFET?  Indicate Part Number  Indicate Part Number  To-252-3, DPak (2 Leads + Tab), SC  QFET?  Indicate Part Number  Indicate Part Number  To-252-3, DPak (2 Leads + Tab), SC  QFET?  Indicate Part Number  Indicate Part Number	
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Transistors - FETs, MOSFETs - Sing Package TO-252-3, DPak (2 Leads + Tab), SC Series QFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C  Transistors - FETs, MOSFETs - Sing MOSFETs - Sing To-252-3, DPak (2 Leads + Tab), SC WEET: N-Channel MOSFET (Metal Oxide) 1000V	
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Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  1.6A (Tc)	
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Drive Voltage (Max Rds On, Min Rds On)	
21. Visings (Time Tide On)	
Vgs(th) (Max) @ Id 5V @ 250μA	
Gate Charge (Qg) (Max) @ Vgs 15.5nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds 520pF @ 25V	
Vgs (Max) ±30V	
FET Feature -	
Power Dissipation (Max) 2.5W (Ta), 50W (Tc)	
Rds On (Max) @ Id, Vgs 9 Ohm @ 800mA, 10V	
Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	
Mounting Type Surface Mount	
Supplier Device Package D-Pak	
Package / Case TO-252-3, DPak (2 Leads + Tab), SC	2-63
	Report errors?

## **FQD2N100TM 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.

## **FQD2N100TM Payment Methods**





















### **FQD2N100TM Shipping Methods**













If you have any question about FQD2N100TM, please do not hesitate to contact us!

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