

# FQD2N100TF

## **FQD2N100TF Information**

www.helsener.com	Part Number Manufacturer Category Description Package	FQD2N100TF Fairchild/ON Semiconductor Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single MOSFET N-CH 1000V 1.6A DPAK TO-252-3, DPak (2 Leads + Tab), SC-63 For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

### **Certified Quality**

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### **FQD2N100TF Specifications**

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesQFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)1000VCurrent - Continuous Drain (Id) @ 25°C1.6A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250µAGate Charge (Qg) (Max) @ Vds520pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)9 Ohm @ 800mA, 10VOperating Temperature.55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD-Pak		
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Package TO-252-3, DPak (2 Leads + Tab), SC-63   Series QFET?   FET Type N-Channel   Technology MOSFET (Metal Oxide)   Drain to Source Voltage (Vdss) 1000V   Current - Continuous Drain (Id) @ 25°C 1.6A (Tc)   Drive Voltage (Max Rds On, Min Rds On) 10V   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)   Operating Temperature -55°C ~ 150°C (TJ)   Mounting Type Surface Mount   Supplier Device Package D-Pak   Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series QFET?   FET Type N-Channel   Technology MOSFET (Metal Oxide)   Drain to Source Voltage (Vdss) 1000V   Current - Continuous Drain (Id) @ 25°C 1.6A (Tc)   Drive Voltage (Max Rds On, Min Rds On) 10V   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)   Operating Temperature -S5°C ~ 150°C (TJ)   Mounting Type Surface Mount   Supplier Device Package D-Pak   Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		Transistors - FETs, MOSFETs - Single
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Ygs (Max)±30VFET Feature-Power Dissipation (Max)2.5W (Ta), 50W (Tc)Rds On (Max) @ Id, Vgs9 Ohm @ 800mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	15.5nC @ 10V
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Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	2.5W (Ta), 50W (Tc)
Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	9 Ohm @ 800mA, 10V
Supplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
-	Supplier Device Package	D-Pak
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors

#### **FQD2N100TF** 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.

#### **FQD2N100TF** Payment Methods



# **FQD2N100TF** Shipping Methods



If you have any question about FQD2N100TF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com