



FDBL0260N100 Information



For Reference Only

Part Number FDBL0260N100

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 200A POWER56

Package 8-PowerSFN

For the pricing/inventory/lead time, please contact

us

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



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FDBL0260N100 Specifications

Manufacturer Part Number FDBL0260N100 Manufacturer Fairchild/ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-PowerSFN Series PowerTrench? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 200A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250µA Gate Charge (Qg) (Max) @ Vgs 116nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 9265pF @ 50V Vgs (Max) ±2V FET Feature - Power Dissipation (Max) 3.5W (Ta), 250W (Tc) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 8-PowerSFN Series PowerTrench? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ### 20V #### 20V #### 20V ### 20 Max) @ Id, Vgs ### 20V ##	Manufacturer Part Number	FDBL0260N100
Package 8-PowerSFN Series PowerTrench? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 200A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 116nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 9265pF @ 50V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.5W (Ta), 250W (Tc) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Manufacturer	Fairchild/ON Semiconductor
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Series PowerTrench? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 200A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 116nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 9265pF @ 50V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.5W (Ta), 250W (Tc) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C200A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs116nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9265pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)3.5W (Ta), 250W (Tc)Rds On (Max) @ Id, Vgs2.6 mOhm @ 80A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-PSOFPackage / Case8-PowerSFN	Package	8-PowerSFN
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 100V 200A (Tc) 2	Series	PowerTrench?
Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C200A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs116nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9265pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)3.5W (Ta), 250W (Tc)Rds On (Max) @ Id, Vgs2.6 mOhm @ 80A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-PSOFPackage / Case8-PowerSFN	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C200A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs116nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9265pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)3.5W (Ta), 250W (Tc)Rds On (Max) @ Id, Vgs2.6 mOhm @ 80A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-PSOFPackage / Case8-PowerSFN	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs116nC @ 10VInput Capacitance (Ciss) (Max) @ Vds9265pF @ 50VVgs (Max)±20VFET Feature-Power Dissipation (Max)3.5W (Ta), 250W (Tc)Rds On (Max) @ Id, Vgs2.6 mOhm @ 80A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-PSOFPackage / Case8-PowerSFN	Drain to Source Voltage (Vdss)	100V
Vgs(th) (Max) @ Id	Current - Continuous Drain (Id) @ 25°C	200A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 9265pF @ 50V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-PowerSFN	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) E20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)3.5W (Ta), 250W (Tc)Rds On (Max) @ Id, Vgs2.6 mOhm @ 80A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-PSOFPackage / Case8-PowerSFN	Gate Charge (Qg) (Max) @ Vgs	116nC @ 10V
FET Feature - Power Dissipation (Max) 3.5W (Ta), 250W (Tc) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Input Capacitance (Ciss) (Max) @ Vds	9265pF @ 50V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.6 mOhm @ 80A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs2.6 mOhm @ 80A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-PSOFPackage / Case8-PowerSFN	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Power Dissipation (Max)	3.5W (Ta), 250W (Tc)
Mounting Type Surface Mount Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Rds On (Max) @ Id, Vgs	2.6 mOhm @ 80A, 10V
Supplier Device Package 8-PSOF Package / Case 8-PowerSFN	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 8-PowerSFN	Mounting Type	Surface Mount
	Supplier Device Package	8-PSOF
Report errors?	Package / Case	8-PowerSFN
		Report errors?

FDBL0260N100 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.

FDBL0260N100 Payment Methods



















FDBL0260N100 Shipping Methods













If you have any question about FDBL0260N100, please do not hesitate to contact us!

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