



APT26M100JCU3 Information



For Reference Only

Part Number APT26M100JCU3

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 1000V 26A SOT227

Package SOT-227-4, miniBLOC

For the pricing/inventory/lead time, please contact

us

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



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APT26M100JCU3 Specifications

Manufacturer Part NumberAPT26M100JCU3ManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackageSOT-227-4, miniBLOCSeriesPOWER MOS 8?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)1000VCurrent - Continuous Drain (Id) @ 25°C26A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 2.5mAGate Charge (Qg) (Max) @ Vgs305nC @ 10VInput Capacitance (Ciss) (Max) @ Vds7868pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)543W (Tc)Rds On (Max) @ Id, Vgs396 mOhm @ 18A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSOT-227Package / CaseSOT-227-4, miniBLOCReport errors?		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageSOT-227-4, miniBLOCSeriesPOWER MOS 8?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)1000VCurrent - Continuous Drain (Id) @ 25°C26A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 2.5mAGate Charge (Qg) (Max) @ Vgs305nC @ 10VInput Capacitance (Ciss) (Max) @ Vds7868pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)543W (Tc)Rds On (Max) @ Id, Vgs396 mOhm @ 18A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSOT-227Package / CaseSOT-227-4, miniBLOC	Manufacturer Part Number	APT26M100JCU3
Package SOT-227-4, miniBLOC Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 1000V Current - Continuous Drain (Id) @ 25°C 26A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 305nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 7868pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 543W (Tc) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Manufacturer	Microsemi Corporation
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Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 1000V Current - Continuous Drain (Id) @ 25°C 26A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 305nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 7868pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 543W (Tc) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 1000V Current - Continuous Drain (Id) @ 25°C 26A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 305nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 7868pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 543W (Tc) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-2274, miniBLOC	Package	SOT-227-4, miniBLOC
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 26A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id SV @ 2.5mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Supplier Device Package Package / Case MOSFET (Metal Oxide) 1000V 26A (Tc) 278 (B8pF @ 25V 25V 25V 25V 25V 26A (Tc) 305nC @ 10V 7868pF @ 25V 25V 25V 25V 26A (Tc) 305nC @ 10V 7868pF @ 25V 25V 25V 25V 25V 25V 26A (Tc) 26A (Tc)	Series	POWER MOS 8?
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Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Sv @ 2.5mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature Chassis Mount Supplier Device Package Package / Case 26A (Tc) 26A	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Drain to Source Voltage (Vdss)	1000V
Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 305nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 7868pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 543W (Tc) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Current - Continuous Drain (Id) @ 25°C	26A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 7868pF @ 25V Vgs (Max) ±30V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 7868pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Vgs(th) (Max) @ Id	5V @ 2.5mA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)543W (Tc)Rds On (Max) @ Id, Vgs396 mOhm @ 18A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSOT-227Package / CaseSOT-227-4, miniBLOC	Gate Charge (Qg) (Max) @ Vgs	305nC @ 10V
FET Feature - Power Dissipation (Max) 543W (Tc) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Input Capacitance (Ciss) (Max) @ Vds	7868pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 396 mOhm @ 18A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs396 mOhm @ 18A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSOT-227Package / CaseSOT-227-4, miniBLOC	FET Feature	-
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Power Dissipation (Max)	543W (Tc)
Mounting Type Chassis Mount Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Rds On (Max) @ Id, Vgs	396 mOhm @ 18A, 10V
Supplier Device Package SOT-227 Package / Case SOT-227-4, miniBLOC	Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case SOT-227-4, miniBLOC	Mounting Type	Chassis Mount
	Supplier Device Package	SOT-227
Report errors?	Package / Case	SOT-227-4, miniBLOC
		Report errors?

APT26M100JCU3 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.

APT26M100JCU3 Payment Methods



















APT26M100JCU3 Shipping Methods













If you have any question about APT26M100JCU3, please do not hesitate to contact us!

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