



APT40M35JVFR Information



For Reference Only

Part Number APT40M35JVFR
Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 400V 93A SOT-227

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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APT40M35JVFR Specifications

Manufacturer Part NumberAPT40M35JVFRManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackageSOT-227-4, miniBLOCSeriesPOWER MOS V?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)400VCurrent - Continuous Drain (Id) @ 25°C93ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 5mAGate Charge (Qg) (Max) @ Vgs1065nC @ 10VInput Capacitance (Ciss) (Max) @ Vds20160pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)700W (Tc)Rds On (Max) @ Id, Vgs35 mOhm @ 46.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageISOTOP?Package / CaseSOT-227-4, miniBLOCReport errors?		
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Package SOT-227-4, miniBLOC Series POWER MOS V? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 400V Current - Continuous Drain (Id) @ 25°C 93A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 1065nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2016opF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 700W (Tc) Rds On (Max) @ Id, Vgs 35 mOhm @ 46.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package ISOTOP? Package / Case SOT-227-4, miniBLOC	Manufacturer	Microsemi Corporation
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Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 93A 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 Chassis Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 400V 400V 93A 10V 93A 4V @ 5mA 4V @ 5mA 1065nC @ 10V 20160pF @ 25V ±30V 700W (Tc) 35 mOhm @ 46.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Chassis Mount Supplier Device Package	Series	POWER MOS V?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 93A Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 1065nC @ 10V 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 Chassis Mount Supplier Device Package Package / Case 400V 93A 93A 93A 10V 93A 4V @ 5mA 4V @ 5mA 2016opF @ 25V 20	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 1065nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20160pF @ 25V Vgs (Max) ### ### ### ### ### #### #### #### #	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 35 mOhm @ 46.5A, 10V Operating Temperature Chassis Mount Supplier Device Package Package / Case SOT-227-4, miniBLOC	Drain to Source Voltage (Vdss)	400V
Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 1065nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20160pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 700W (Tc) Rds On (Max) @ Id, Vgs 35 mOhm @ 46.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package ISOTOP? Package / Case SOT-227-4, miniBLOC	Current - Continuous Drain (Id) @ 25°C	93A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Chassis Mount Supplier Device Package Package / Case 1065nC @ 10V 20160pF @ 25V 20160pF @ 25	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Chassis Mount Supplier Device Package Package / Case SOT-227-4, miniBLOC	Vgs(th) (Max) @ Id	4V @ 5mA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)700W (Tc)Rds On (Max) @ Id, Vgs35 mOhm @ 46.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageISOTOP?Package / CaseSOT-227-4, miniBLOC	Gate Charge (Qg) (Max) @ Vgs	1065nC @ 10V
FET Feature - Took Took Took Took Took Took Took To	Input Capacitance (Ciss) (Max) @ Vds	20160pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 35 mOhm @ 46.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package ISOTOP? Package / Case SOT-227-4, miniBLOC	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs35 mOhm @ 46.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageISOTOP?Package / CaseSOT-227-4, miniBLOC	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package ISOTOP? Package / Case SOT-227-4, miniBLOC	Power Dissipation (Max)	700W (Tc)
Mounting Type Chassis Mount Supplier Device Package ISOTOP? Package / Case SOT-227-4, miniBLOC	Rds On (Max) @ Id, Vgs	35 mOhm @ 46.5A, 10V
Supplier Device Package ISOTOP? Package / Case SOT-227-4, miniBLOC	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case SOT-227-4, miniBLOC	Mounting Type	Chassis Mount
	Supplier Device Package	ISOTOP?
Report errors?	Package / Case	SOT-227-4, miniBLOC
		Report errors?

APT40M35JVFR 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.

APT40M35JVFR Payment Methods



















APT40M35JVFR Shipping Methods













If you have any question about APT40M35JVFR, please do not hesitate to contact us!

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