



APT66M60L Information



For Reference Only

Part Number APT66M60L

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 600V 70A TO-264

Package TO-264-3, TO-264AA

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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APT66M60L Specifications

Manufacturer Part Number APT66M60L Manufacturer Microsemi Corporation Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-264-3, TO-264AA Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 70A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30PF @ 25V Vgs (Max) ±135W (Tc) Rds On (Max) @ Id, Vgs 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-264-3, TO-264AA Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Toain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 70A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id State Charge (Qg) (Max) @ Vgs 13190pF @ 25V Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ 11, Vgs Power Dissipation (Max) Rds On (Max) @ Id, Vgs Poperating Temperature Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Manufacturer Part Number	APT66M60L
Package TO-264-3, TO-264AA Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 70A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Manufacturer	Microsemi Corporation
Package TO-264-3, TO-264AA Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 70A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Category	Discrete Semiconductor Products
Series POWER MOS 8? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 70A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 70A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case Took Comments and Took Comm	Package	TO-264-3, TO-264AA
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 70A (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 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case MOSFET (Metal Oxide) 600V 70A (Tc) 70A	Series	POWER MOS 8?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 70A (Tc) 70A	FET Type	N-Channel
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 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature Supplier Device Package TO-264 [L] Package / Case 70A (Tc)	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 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Drain to Source Voltage (Vdss)	600V
Vgs(th) (Max) @ Id 5V @ 2.5mA Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Current - Continuous Drain (Id) @ 25°C	70A (Tc)
Gate Charge (Qg) (Max) @ Vgs 330nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 13190pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Vgs(th) (Max) @ Id	5V @ 2.5mA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)1135W (Tc)Rds On (Max) @ Id, Vgs190 mOhm @ 33A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-264 [L]Package / CaseTO-264-3, TO-264AA	Gate Charge (Qg) (Max) @ Vgs	330nC @ 10V
FET Feature - Power Dissipation (Max) 1135W (Tc) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Input Capacitance (Ciss) (Max) @ Vds	13190pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 190 mOhm @ 33A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs190 mOhm @ 33A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-264 [L]Package / CaseTO-264-3, TO-264AA	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Power Dissipation (Max)	1135W (Tc)
Mounting Type Through Hole Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Rds On (Max) @ Id, Vgs	190 mOhm @ 33A, 10V
Supplier Device Package TO-264 [L] Package / Case TO-264-3, TO-264AA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-264-3, TO-264AA	Mounting Type	Through Hole
	Supplier Device Package	TO-264 [L]
Report errors?	Package / Case	TO-264-3, TO-264AA
		Report errors?

APT66M60L 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.

APT66M60L Payment Methods





















APT66M60L Shipping Methods













If you have any question about APT66M60L, please do not hesitate to contact us!

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