

AOT2N60 Information

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For Reference Only

Part Number AOT2N60

Manufacturer Alpha & Omega Semiconductor Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 600V 2A TO-220

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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AOT2N60 Specifications

Manufacturer Part Number AOT2N60 Manufacturer Alpha & Omega Semiconductor Inc. Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 2A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4.5V @ 250µA Gate Charge (Qg) (Max) @ Vgs 11.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 325pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 74W (Tc) Rds On (Max) @ Id, Vgs 4.4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220 Package / Case TO-220-3		
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Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C2A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 250μAGate Charge (Qg) (Max) @ Vgs11.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds325pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)74W (Tc)Rds On (Max) @ Id, Vgs4.4 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220Package / CaseTO-220-3	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 11.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±30V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package Package / Case TO-220-3	Technology	MOSFET (Metal Oxide)
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 4.4 Ohm @ 1A, 10V Operating Temperature Cupy Through Hole Supplier Device Package Package / Case 10V 4.5V @ 250μA 11.4nC @ 10V 325pF @ 25V ±30V FET (F @ 25V ±30V Through Hole TO-220 TO-220-3	Drain to Source Voltage (Vdss)	600V
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 Supplier Device Package Package / Case 4.5V @ 250μA 11.4nC @ 10V 11.4nC @ 10V 12.5V 4.40V	Current - Continuous Drain (Id) @ 25°C	2A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 325pF @ 25V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220 Package / Case TO-220-3	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 4.4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220 Package / Case TO-220-3	Vgs(th) (Max) @ Id	4.5V @ 250μA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)74W (Tc)Rds On (Max) @ Id, Vgs4.4 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220Package / CaseTO-220-3	Gate Charge (Qg) (Max) @ Vgs	11.4nC @ 10V
FET Feature - Testure - Te	Input Capacitance (Ciss) (Max) @ Vds	325pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.4 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220 Package / Case TO-220-3	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs4.4 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220Package / CaseTO-220-3	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220 Package / Case TO-220-3	Power Dissipation (Max)	74W (Tc)
Mounting Type Through Hole Supplier Device Package TO-220 Package / Case TO-220-3	Rds On (Max) @ Id, Vgs	4.4 Ohm @ 1A, 10V
Supplier Device Package TO-220 Package / Case TO-220-3	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-220-3	Mounting Type	Through Hole
	Supplier Device Package	TO-220
Report errors?	Package / Case	TO-220-3
		Report errors?

AOT2N60 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.

AOT2N60 Payment Methods



















AOT2N60 Shipping Methods













If you have any question about AOT2N60, please do not hesitate to contact us!

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