

AO3460L Information

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Part Number

Manufacturer Alpha & Omega Semiconductor Inc.

AO3460L

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 650MA SOT23

Package

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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AO3460L Specifications

Manufacturer Part Number AO3460L Manufacturer Alpha & Omega Semiconductor Inc. Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package - Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 650mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 27pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.4W (Ta) Rds On (Max) @ Id, Vgs 1.7 Ohm @ 650mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type - Supplier Device Package - Package / Case -		
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Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 650mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.7 Ohm @ 650mA, 10V Operating Temperature Supplier Device Package Package / Case MOSFET (Metal Oxide) 60V 60V 60V 61V 620 650mA (Ta) 650mA (T	Series	-
Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C650mA (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds27pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.4W (Ta)Rds On (Max) @ Id, Vgs1.7 Ohm @ 650mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting Type-Supplier Device Package-Package / Case-	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 650mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 27pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.4W (Ta) Rds On (Max) @ Id, Vgs 1.7 Ohm @ 650mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type - Supplier Device Package - Package / Case -	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.7 Ohm @ 650mA, 10V Operating Temperature Supplier Device Package Package / Case - 4.5V, 10V 2.5V @ 250μA - 1.7 Ohm @ 30V - 1.7 Ohm @ 650mA, 10V - Supplier Device Package - Package / Case - - - - - - - - - - - - -	Drain to Source Voltage (Vdss)	60V
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 1.7 Ohm @ 650mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Supplier Device Package Package / Case -	Current - Continuous Drain (Id) @ 25°C	650mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4W (Ta) Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Supplier Device Package Package / Case -	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.7 Ohm @ 650mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type - Supplier Device Package - Package / Case -	Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1.4W (Ta)Rds On (Max) @ Id, Vgs1.7 Ohm @ 650mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting Type-Supplier Device Package-Package / Case-	Gate Charge (Qg) (Max) @ Vgs	-
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Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.7 Ohm @ 650mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type - Supplier Device Package - Package / Case -	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs1.7 Ohm @ 650mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting Type-Supplier Device Package-Package / Case-	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type - Supplier Device Package - Package / Case -	Power Dissipation (Max)	1.4W (Ta)
Mounting Type - Supplier Device Package - Package / Case -	Rds On (Max) @ Id, Vgs	1.7 Ohm @ 650mA, 10V
Supplier Device Package - Package / Case -	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case -	Mounting Type	-
-	Supplier Device Package	-
Report errors?	Package / Case	-
		Report errors?

AO3460L 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.

AO3460L Payment Methods





















AO3460L Shipping Methods













If you have any question about AO3460L, please do not hesitate to contact us!

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