

AOI4130 Information


For Reference Only

Part Number [AOI4130](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 6.5A TO251A
Package TO-251-3 Stub Leads, IPak
 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

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


AOI4130 Specifications

| | |
|--|---|
| Manufacturer Part Number | AOI4130 |
| Manufacturer | Alpha & Omega Semiconductor Inc. |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-251-3 Stub Leads, IPak |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 60V |
| Current - Continuous Drain (Id) @ 25°C | 6.5A (Ta), 30A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 2.8V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 34nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1900pF @ 30V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 2.5W (Ta), 52W (Tc) |
| Rds On (Max) @ Id, Vgs | 24 mOhm @ 20A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-251A |
| Package / Case | TO-251-3 Stub Leads, IPak |

[Report errors?](#)

AOI4130 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.

AOI4130 Payment Methods



AOI4130 Shipping Methods



If you have any question about AOI4130, please do not hesitate to contact us!

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