

**AON5810 Information**


For Reference Only

**Part Number** [AON5810](#)  
**Manufacturer** Alpha & Omega Semiconductor Inc.  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 2N-CH 20V 7.7A 6DFN  
**Package** 6-SMD, Flat Lead Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**AON5810 Specifications**

Manufacturer Part Number	<a href="#">AON5810</a>
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	6-SMD, Flat Lead Exposed Pad
Series	-
FET Type	2 N-Channel (Dual) Common Drain
FET Feature	Logic Level Gate
Drain to Source Voltage (V <sub>dss</sub> )	20V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	7.7A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	18 mOhm @ 7.7A, 4.5V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	1V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	13.1nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	1360pF @ 10V
Power - Max	1.6W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	6-SMD, Flat Lead Exposed Pad
Supplier Device Package	6-DFN-EP (2x5)

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## AON5810 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.

## AON5810 Payment Methods



## AON5810 Shipping Methods



If you have any question about AON5810, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)