









	<h2 style="color: #C00000;">AOW14N50</h2>	
	<b>Manufacturer Part Number:</b>	AOW14N50
	<b>Manufacturer/Brand:</b>	Alpha and Omega Semiconductor, Inc.
	<b>Part of Description:</b>	MOSFET N-CH 500V 14A TO262
	<b>Datasheets:</b>	<a href="#">1.AOW14N50.pdf</a> <a href="#">2.AOW14N50.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS Compliant
	<b>Stock Condition:</b>	New original, 20304 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
	<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.		

### Specifications

Part Number	AOW14N50
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 500V 14A TO262
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	20304 pcs Stock
Series	-
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-262-3 Long Leads, IPak, TO-262AA
Supplier Device Package	TO-262
Power Dissipation (Max)	278W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	14A (Tc)
Rds On (Max) @ Id, Vgs	380 mOhm @ 7A, 10V
Vgs(th) (Max) @ Id	4.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	51nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2297pF @ 25V
Packaging	Tube

AOW14N50 is New Original in Stock, Search AOW14N50 Datasheets, PDF, Inventory at Y-IC.com Online, Order AOW14N50 Alpha and Omega Semiconductor, Inc. with warrantied and confidence. RFQ AOW14N50 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

 <p><b>AOW22S50</b> AOS AOS TO-262</p>	 <p><b>AOW20S60</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 600V 20A TO262</p>	 <p><b>AOW20C60</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 600V 20A TO262</p>	 <p><b>AOW12S50</b> AOS AOW12S50 AOS</p>
 <p><b>AOW15S60</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 600V 15A TO262</p>	 <p><b>AOW11S65</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 650V 11A TO262</p>	 <p><b>AOW15S65</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 650V 15A TO262</p>	 <p><b>AOW12N65</b> Alpha and Omega Semiconductor, Inc. MOSFET N-CH 650V 12A TO262</p>

### Hot Parts

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|---------------------|----------------|----------------------|--------------|--------------------|
| ⊗ AAT1125IJS-0.6-T1 | ↔ AD5312ARMZ   | ⇒ AOW10N60           | D AOW10T60P  | ↔ AOW11N60         |
| ⊥ AOW11S60          | ⊗ AOW11S65     | D AOW12N50           | ⇒ AOW12N60   | ↔ AOW12N65         |
| ⊗ AOW12S50          | ⊥ AOW15S60     | ⊗ AOW15S65           | ↔ AOW20S60   | ↔ AOW25S65         |
| D AOW29S50          | ⊗ AOWF10N60    | ⊥ AOWF10N65          | ⊗ AOWF10T60  | ↔ AOWF10T60P       |
| ⇒ AOWF11C60         | ↔ AOWF11N60    | ⊗ AOWF11N70          | ⊥ AOWF11S60  | ↔ AOWF11S65        |
| ↔ AOWF12N50         | ⇒ AOWF12N60    | D AOWF12N65          | ⊗ AOWF12T60P | ⊥ AOWF14N50        |
| ⊗ AOWF15S60         | D AOWF15S65    | ⇒ AOWF20S60          | ↔ AOWF25S65  | ↔ AOWF2606         |
| ⊥ AOWF4N60          | ⊗ AOWF7S60     | ↔ AOWF7S65           | ⇒ AOWF8N50   | ↔ BA2902YFV-CE2    |
| ⊗ BAS40-05-7-F-GIGA | ⊥ BSD5-48S12   | ⊗ GRM1555C1H2R0BZ01J | D MS10-1KAT  | ↔ PALCE22V10Q-25JC |
| ↔ RT9261B-40CX      | ⊗ SD803C12S15C | ⊥ THS5651AIDWRG4     | ⊗ VE-JN0-MX  | ↔ W2012AAF         |

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