



### AOT12N60FD

Manufacturer Part Number:	AOT12N60FD
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 600V 12A TO220
Datasheets:	
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 22500 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

[GET A QUOTE](#)

**AOT12N60FD** 100% New Original 22500pcs in Stock, Find AOT12N60FD Price, Stock, datasheet at IC Components Ltd Online, buy AOT12N60FD Alpha and Omega Semiconductor, Inc. with warrantied. 100% guarantee confidence. RFQ AOT12N60FD: [Info@IC-Components.com](mailto:Info@IC-Components.com)




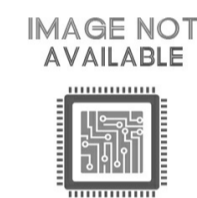





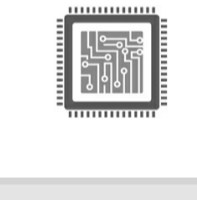
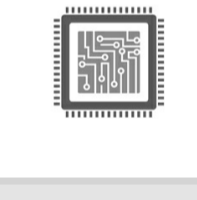
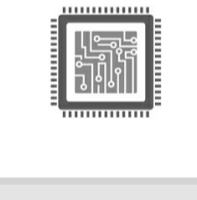

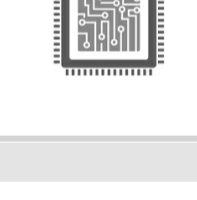
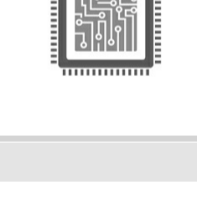
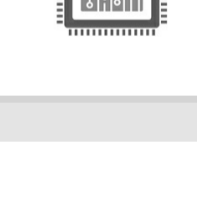
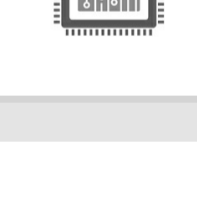













### The specifications of AOT12N60FD

Part Number	AOT12N60FD	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-220
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 600V 12A (Tc) 278W (Tc) Through Hole TO-220
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	278W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	600V	Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Rds On (Max) @ Id, Vgs	650 mOhm @ 6A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2010pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Stock Quantity	22500 pcs Stock	Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>
Description	MOSFET N-CH 600V 12A TO220	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

### Keywords related to AOT12N60FD

Alpha and Omega Semiconductor, Inc. AOT12N60FD	AOT12N60FD part	AOT12N60FD Price	AOT12N60FD Distributor
AOT12N60FD Technical	AOT12N60FD Stock	AOT12N60FD Inventory	AOT12N60FD Supplier
AOT12N60FD Online Order	AOT12N60FD Inquiry	AOT12N60FD Image	AOT12N60FD Picture
AOT12N60FD pdf	AOT12N60FD datasheet	AOT12N60FD data sheet	AOT12N60FD pdf datasheet
Download AOT12N60FD datasheet	Alpha and Omega Semiconductor, Inc. Manufacturer	Alpha and Omega Semiconductor, Inc. AOT12N60FD	Alpha and Omega Semiconductor, Inc. AOT12N60FD
Alpha & Omega Semiconductor AOT12N60FD	Alpha & Omega Semiconductor Inc. AOT12N60FD		

### You May Be Also Be interested In:

 <p><b>AOT13N50</b> Description: MOSFET N-CH 500V 13A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT14N50</b> Description: MOSFET N-CH 500V 14A TO-220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 18500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N40L</b> Description: MOSFET N-CH 400V 11A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 1400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT12S50L</b> Description: AOT12S50L AOS TO-220 Manufacturers: AOS In Stock: New original, 800 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT11N60L</b> Description: MOSFET N-CH 600V 11A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT11S60L</b> Description: MOSFET N-CH 600V 11A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT12N30</b> Description: AOT12N30 AOS TO-220 Manufacturers: AOS In Stock: New original, 32400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT11N70</b> Description: MOSFET N-CH 700V 11A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 22800 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N65L</b> Description: AOT12N65L AOS TO-220 Manufacturers: AOS In Stock: New original, 2000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT12S50</b> Description: AOT12S50 AOS TO-220 Manufacturers: AOS In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N60FD AOT12N60</b> Description: AOT12N60FD AOT12N60 AO/ TO-220 Manufacturers: AO/ In Stock: New original, 300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT11N06L</b> Description: AOT11N06L AOS TO-220 Manufacturers: AOS In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT11S65L</b> Description: MOSFET N-CH 650V 11A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT11S60</b> Description: AOT11S60 VB TO-220C Manufacturers: VB In Stock: New original, 28600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N40</b> Description: AOT12N40 AO/ TO-220 Manufacturers: AO/ In Stock: New original, 2300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT11C60P AOT11C60</b> Description: AOT11C60P AOT11C60 AO/ TO-220 Manufacturers: AO/ In Stock: New original, 2500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N80</b> Description: AOT12N80 AOS TO-220 Manufacturers: AOS In Stock: New original, 2000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N65</b> Description: MOSFET N-CH 650V 12A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 31500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT12N60</b> Description: MOSFET N-CH 600V 12A TO-220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 28800 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT15B60D</b> Description: IGBT 600V 30A 167W TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT1404</b> Description: AOT1404 AOS TO-220 Manufacturers: AOS In Stock: New original, 600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT11N60</b> Description: AOT11N60 VB TO-220C Manufacturers: VB In Stock: New original, 18500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT12N50</b> Description: MOSFET N-CH 500V 12A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 22500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT15B60</b> Description: AOT15B60 AOS TO-220 Manufacturers: AOS In Stock: New original, 200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT12N30L</b> Description: MOSFET N CH 300V 11.5A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 32400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT1404L</b> Description: MOSFET N-CH 40V 15A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 50000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT14N50FDL</b> Description: AOT14N50FDL AOS TO-220 Manufacturers: AOS In Stock: New original, 4200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
 <p><b>AOT11S65</b> Description: AOT11S65 VB TO-220 Manufacturers: VB In Stock: New original, 32500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT14N50FD</b> Description: MOSFET N-CH 500V 14A TO220 Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: New original, 21000 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	 <p><b>AOT14N60</b> Description: AOT14N60 AOS TO-220 Manufacturers: AOS In Stock: New original, 200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>



**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong