









	<h2 style="color: red;">FDP12N50NZ</h2>
	<p><b>Manufacturer Part Number:</b> FDP12N50NZ</p> <p><b>Manufacturer/Brand:</b> AMI Semiconductor / ON Semiconductor</p> <p><b>Part of Description:</b> MOSFET N-CH 500V 11.5A TO-220</p> <p><b>Datasheets:</b> <a href="#">1.FDP12N50NZ.pdf</a> <a href="#">2.FDP12N50NZ.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS Compliant</p> <p><b>Stock Condition:</b> New original, 19012 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	FDP12N50NZ
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 500V 11.5A TO-220
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	19012 pcs Stock
Manufacturer Standard Lead Time	5 Weeks
Detailed Description	N-Channel 500V 11.5A (Tc) 170W (Tc) Through Hole
Series	UniFET-II™
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220-3
Power Dissipation (Max)	170W (Tc)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	11.5A (Tc)
Rds On (Max) @ Id, Vgs	520 mOhm @ 5.75A, 10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1235pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±25V
Packaging	Tube
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)

FDP12N50NZ is New Original in Stock, Search FDP12N50NZ Datasheets, PDF, Inventory at Y-IC.com Online, Order FDP12N50NZ AMI Semiconductor / ON Semiconductor with warrantied and confidence. RFQ FDP12N50NZ : Info@Y-IC.com

### You May Be Also Be interested In:

 <p><b>FDP12N60C</b> FSC FDP12N60C FSC</p>	 <p><b>FDP13AN06A0</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 60V 62A TO-220AB</p>	 <p><b>FDP120N10</b> Fairchild/ON Semiconductor MOSFET N-CH 100V 74A TO-220</p>	 <p><b>FDP12N50</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 500V 11.5A TO-220</p>
 <p><b>FDP12N60NZ</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 600V 12A TO-220</p>	 <p><b>FDP12N50NZ</b> Fairchild/ON Semiconductor MOSFET N-CH 500V 11.5A TO-220</p>	 <p><b>FDP12N60NZ</b> Fairchild/ON Semiconductor MOSFET N-CH 600V 12A TO-220</p>	 <p><b>FDP120N10</b> AMI Semiconductor / ON Semiconductor MOSFET N-CH 100V 74A TO-220</p>

### Hot Parts

More

⊛ FDP070AN06AO	↔ FDP075N15A	⇒ FDP075N15A	D FDP083N15A	↔ FDP083N15A
⊕ FDP083N15A_F102	⊛ FDP085N10A	D FDP085N10A	⇒ FDP085N10A_F102	↔ FDP090N10
⊛ FDP090N10	⊕ FDP100N10	⊛ FDP100N10	↔ FDP10AN06A0	↔ FDP10AN06A0
D FDP10AN06A0	⊛ FDP10N60NZ	⊕ FDP10N60NZ	⊛ FDP120AN15A0	↔ FDP120AN15A0
⇒ FDP120AN15A0	↔ FDP120N10	⊛ FDP120N10	⊕ FDP12N50	↔ FDP12N50
↔ FDP12N50NZ	⇒ FDP12N60NZ	D FDP12N60NZ	⊛ FDP13AN06A0	⊕ FDP13AN06A0
⊛ FDP13AN06A0	D FDP14AN06LA0	⇒ FDP14AN06LA0	↔ FDP14AN06LA0	↔ FDP14N60
⊕ FDP150N10	⊛ FDP150N10	↔ FDP150N10A	⇒ FDP150N10A	↔ FDP150N10A_F102
⊛ FDP15N40	⊕ FDP15N40	⊛ FDP15N50	D FDP15N50	↔ FDP15N65
↔ FDP15N65	⊛ FDP16AN08A0	⊕ FDP16AN08A0	⊛ FDP16AN08A0	↔ FDP16AN098A0

Contact us:Info@Y-IC.com

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

Copyright © 2019 YIC International Co., Limited