



### FCD380N60E

Manufacturer Part Number: [FCD380N60E](#)  
 Manufacturer / Brand: [AMI Semiconductor / ON Semiconductor](#)  
 Part of Description: MOSFET N CH 600V 10.2A DPAK  
 Datasheets: [FCD380N60E.pdf](#)  
 Lead Free Status / RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: New original, 32500 pcs Stock Available.  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS

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### The specifications of FCD380N60E

Part Number	<a href="#">FCD380N60E</a>	Manufacturer / Brand	<a href="#">AMI Semiconductor / ON Semiconductor</a>
Series	SuperFET® II	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Base Part Number	FCD380N60	Package / Case	TO-252-3, DPAK (2 Leads + Tab), SC-63
Packaging	Tape & Reel (TR)	Mounting Type	Surface Mount
Supplier Device Package	D-Pak	Operating Temperature	-55°C ~ 150°C (TJ)
Detailed Description	N-Channel 600V 10.2A (Tc) 106W (Tc) Surface Mount D-Pak	Technology	MOSFET (Metal Oxide)
Power Dissipation (Max)	106W (Tc)	FET Type	N-Channel
FET Feature	-	Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	10.2A (Tc)	Rds On (Max) @ Id, Vgs	380 mOhm @ 5A, 10V
Vgs(th) (Max) @ Id	3.5V @ 250µA	Gate Charge (Qg) (Max) @ Vgs	45nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1770pF @ 25V	Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs (Max)	±20V	Other Names	FCD380N60ETR
Stock Quantity	32500 pcs Stock	Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>
Description	MOSFET N CH 600V 10.2A DPAK	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

### Keywords related to FCD380N60E

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<p><b>STB10NK60Z-1</b>                  Description: MOSFET N-CH 600V 10A I2PAK                  Manufacturers: STMicroelectronics                  In Stock: New original, 3000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD4N60TM_WS</b>                  Description: MOSFET N-CH 600V 3.9A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD5N60TM_WS</b>                  Description: FCD5N60TM_WS Fairchild DPAK                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
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<p><b>FCD9N60N</b>                  Description: FCD9N60N FAIRCHILD TO-252                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD600N60Z</b>                  Description: MOSFET N CH 600V 7.4A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 21000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD4N60TM</b>                  Description: MOSFET N-CH 600V 3.9A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>FCD9N90NTM</b>                  Description: FCD9N90NTM FSC TO-252                  Manufacturers: FSC                  In Stock: New original, 100 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD7N60TM</b>                  Description: MOSFET N-CH 600V 7A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD9N60NTM</b>                  Description: MOSFET N-CH 600V 9A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 22800 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>STP120N4F6</b>                  Description: MOSFET N-CH 40V 80A TO-220AB                  Manufacturers: STMicroelectronics                  In Stock: New original, 50000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>SI7840BDP-T1-E3</b>                  Description: MOSFET N-CH 30V 11A PPAK SO-8                  Manufacturers: Electro-Films (EFI) / Vishay                  In Stock: New original, 26000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>IRLU3715PBF</b>                  Description: MOSFET N-CH 20V 54A I-PAK                  Manufacturers: International Rectifier (Infineon Technologies)                  In Stock: New original, 5000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>FQP3N25</b>                  Description: MOSFET N-CH 250V 2.8A TO-220                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD900N60ZM</b>                  Description: FCD900N60ZM FSC TO-252                  Manufacturers: FSC                  In Stock: New original, 2500 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>HUF7537S3S</b>                  Description: MOSFET N-CH 55V 75A D2PAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 13600 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>FCD900N60Z</b>                  Description: MOSFET N-CH 600V 4.5A TO-252-3                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 18500 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD5N60TF</b>                  Description: MOSFET N-CH 600V 4.6A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD4N60TF</b>                  Description: MOSFET N-CH 600V 3.9A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>FCD7N60TF</b>                  Description: MOSFET N-CH 600V 7A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD620N60NF</b>                  Description: FCD620N60NF FAIRCHILD TO-252                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD7N60TM_WS</b>                  Description: FCD7N60TM_WS Fairchild DPAK                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 32400 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>FCD7N60</b>                  Description: FCD7N60 FAIRCHILD TO252                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 22800 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD850N80Z</b>                  Description: MOSFET N-CH 800V 6A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 600 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD5N60</b>                  Description: FCD5N60 FAIRCHILD TO-252                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 18500 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>
<p><b>FCD3400N80Z</b>                  Description: MOSFET N-CH 800V 2A DPAK                  Manufacturers: AMI Semiconductor / ON Semiconductor                  In Stock: New original, 5000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD3400N80Z</b>                  Description: MOSFET N-CH 800V 2A D2PAK                  Manufacturers: FDK America                  In Stock: New original, 5000 pcs Stock Available.                  Quote: <a href="#">RFQ</a></p>	<p><b>FCD4N60</b>                  Description: FCD4N60 FAIRCHILD TO-252                  Manufacturers: Fairchild/ON Semiconductor                  In Stock: New original, 18500 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