



FDMF6707C

Manufacturer Part Number: [FDMF6707C](#)
 Manufacturer / Brand: [AMI Semiconductor / ON Semiconductor](#)
 Part of Description: [MODULE DRMOS 50A 40-PQFN](#)
 Datasheets: [FDMF6707C.pdf](#)
 Lead Free Status / RoHS Status: Lead free / RoHS Compliant
 Stock Condition: New original, 2800 pcs Stock Available.
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS

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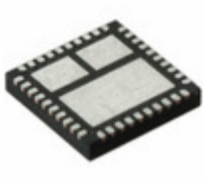
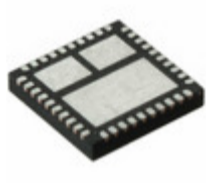
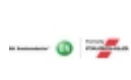



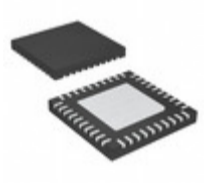
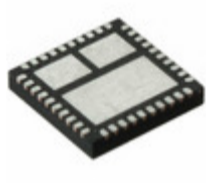
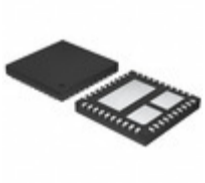


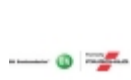
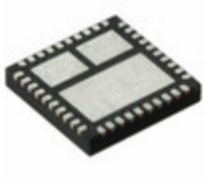

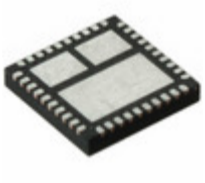

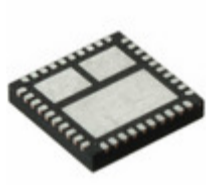

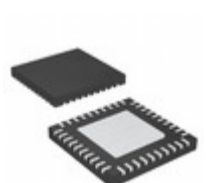

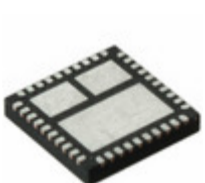
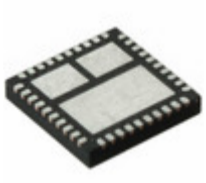





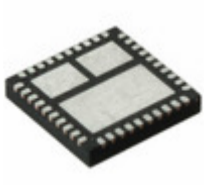

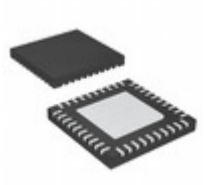
The specifications of **FDMF6707C**

| | | | |
|----------------------------|--|----------------------------------|---|
| Part Number | FDMF6707C | Manufacturer / Brand | AMI Semiconductor / ON Semiconductor |
| Series | XS™ DrMOS | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Base Part Number | FDMF6707 | Package / Case | 40-PowerTFQFN |
| Packaging | Original-Reel® | Mounting Type | Surface Mount |
| Supplier Device Package | 40-PQFN (6x6) | Operating Temperature | -40°C ~ 150°C (TJ) |
| Detailed Description | Half Bridge Driver Synchronous Buck Converters DrMOS 40-PQFN (6x6) | Technology | DrMOS |
| Features | Bootstrap Circuit, Status Flag | Interface | PWM |
| Applications | Synchronous Buck Converters | Voltage - Supply | 4.5 V ~ 5.5 V |
| Current - Output / Channel | 50A | Current - Peak Output | - |
| Output Configuration | Half Bridge | Fault Protection | Over Temperature, Shoot-Through, UVLO |
| Load Type | Inductive | Rds On (Typ) | 1 Ohm LS, 1 Ohm HS |
| Voltage - Load | 3 V ~ 15 V | Other Names | FDMF6707CDKR |
| Stock Quantity | 2800 pcs Stock | Category | Integrated Circuits (ICs) > PMIC - Full, Half-Bridge Drivers |
| Description | MODULE DRMOS 50A 40-PQFN | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

Keywords related to **FDMF6707C**

| | | | |
|--|---|--|--|
| AMI Semiconductor / ON Semiconductor FDMF6707C | FDMF6707C part | FDMF6707C Price | FDMF6707C Distributor |
| FDMF6707C Technical | FDMF6707C Stock | FDMF6707C Inventory | FDMF6707C Supplier |
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| | | |
|--|--|--|
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|  <p>FDMF6821B Description: MODULE DRMOS 55A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 600 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>FDMF5875 Description: FDMF5875 FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 800 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>FDMF6717B Description: FDMF6717B FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 1100 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |
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|  <p>FDMF6704A Description: MODULE DRMOS XS 40-MLP Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 31600 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>FDMF5855DC Description: FDMF5855DC FAIRCHILD QFN Manufacturers: Fairchild/ON Semiconductor In Stock: New original, 1000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>FDMF6823C Description: MODULE DRMOS 50A 40-PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 3600 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |
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|  <p>FDMF6823B Description: MODULE DRMOS 55A 40-PQFN Manufacturers: FDK America In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>FDMF6707B Description: MODULE DRMOS 50A 300KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2500 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>FDMF6706C Description: MODULE DRMOS 40A 1000KHZ 40PQFN Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |
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