

ON Semiconductor AMI Semiconductor / ON

FDMF5821DC

Part Number: [FDMF5821DC](#)
 Manufacturer/Brand: [AMI Semiconductor / ON Semiconductor](#)
 Product description: [IC SPS HALF-BRIDGE DRVR 31PQFN](#)
 Datasheets: [FDMF5821DC.pdf](#)
 RoHS Status: Lead free / RoHS Compliant
 Stock Condition: 30702 pcs stock
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Semiconductor

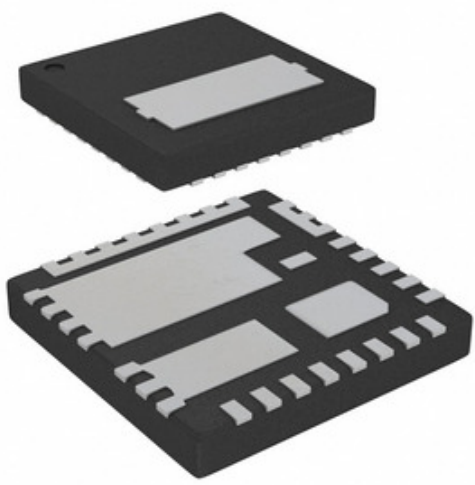


Image may be representation. See specifications for product details.

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Specifications of FDMF5821DC

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|----------------------------------|---|
| PART NUMBER | FDMF5821DC |
| MANUFACTURER | AMI Semiconductor / ON Semiconductor |
| DESCRIPTION | IC SPS HALF-BRIDGE DRVR 31PQFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 30702 pcs |
| DATA SHEET | FDMF5821DC.pdf |
| VOLTAGE - SUPPLY | 4.5 V ~ 5.5 V |
| VOLTAGE - LOAD | 4.5 V ~ 16 V |
| TECHNOLOGY | UMOS |
| SUPPLIER DEVICE PACKAGE | 31-PQFN (5x5) |
| SERIES | PowerTrench®, SyncFET™ |
| RDS ON (TYP) | 470 mOhm LS, 680 mOhm HS |
| PACKAGING | Cut Tape (CT) |
| PACKAGE / CASE | 31-PowerWQFN |
| OUTPUT CONFIGURATION | Half Bridge |
| OTHER NAMES | FDMF5821DCCT |
| OPERATING TEMPERATURE | -40°C ~ 125°C (TJ) |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LOAD TYPE | Inductive |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INTERFACE | PWM |
| FEATURES | Bootstrap Circuit, Latch Function, Status Flag |
| FAULT PROTECTION | Over Temperature, UVLO |
| DETAILED DESCRIPTION | Half Bridge Driver Synchronous Buck Converters UMOS 31-PQFN (5x5) |
| CURRENT - PEAK OUTPUT | - |
| CURRENT - OUTPUT / CHANNEL | 60A |
| APPLICATIONS | Synchronous Buck Converters |

Related Tags

| | | |
|--|---|---|
| AMI Semiconductor / ON Semiconductor FDMF5821DC | FDMF5821DC Distributor | FDMF5821DC Supplier |
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| Catalyst Semiconductor / ON Semiconductor FDMF5821DC | PulseCore Semiconductor / ON Semiconductor FDMF5821DC | Sanyo Semiconductor / ON Semiconductor FDMF5821DC |

Related Products

| | |
|--|---|
| <p>FDMF5820DC Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 64668 pcs</p> <p>RFQ</p> | <p>FDMF5820TDC Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 55680 pcs</p> <p>RFQ</p> |
| <p>FDMF3172 Manufacturers: AMI Semiconductor / ON Semiconductor Description: LOW VOLTAGE SMART POWER STAGE 3 In stock: 46793 pcs</p> <p>RFQ</p> | <p>FDMF4061 Manufacturers: AMI Semiconductor / ON Semiconductor Description: MCM FAN7842 DRIVER AND MV7 60 FE In stock: 25585 pcs</p> <p>RFQ</p> |
| <p>FDMF5823DC Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 60035 pcs</p> <p>RFQ</p> | <p>FDMF6700 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC MULTICHIP MOD DRV/FET POWER66 In stock: 6066 pcs</p> <p>RFQ</p> |
| <p>FDMF3180 Manufacturers: AMI Semiconductor / ON Semiconductor Description: LOW VOLTAGE SMART POWER STAGE 3 In stock: 41528 pcs</p> <p>RFQ</p> | <p>FDMF5821 Manufacturers: AMI Semiconductor / ON Semiconductor Description: 2MHZ SMART POWER STAGE (SPS) In stock: 59309 pcs</p> <p>RFQ</p> |
| <p>FDMF5839 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 29705 pcs</p> <p>RFQ</p> | <p>FDMF5826DC Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 21502 pcs</p> <p>RFQ</p> |
| <p>FDMF5833 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 49725 pcs</p> <p>RFQ</p> | <p>FDMF5822DC Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SPS HALF-BRIDGE DRVR 31PQFN In stock: 26264 pcs</p> <p>RFQ</p> |