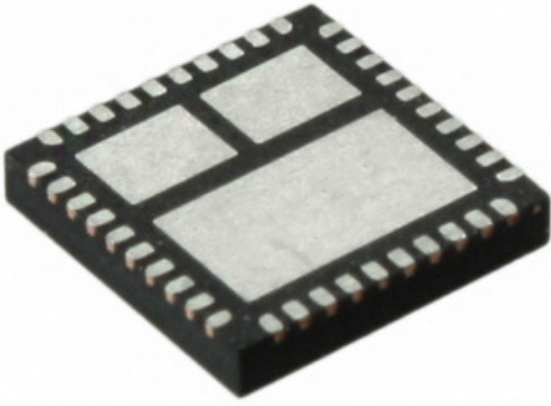


ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



FDMF6823C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FDMF6823C                                                                                                    |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | MODULE DRMOS 50A 40-PQFN                                                                                     |
| Datasheets:         |  FDMF6823C.pdf              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of FDMF6823C

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | FDMF6823C                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                              |
| DESCRIPTION                      | MODULE DRMOS 50A 40-PQFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| DATA SHEET                       |  FDMF6823C.pdf |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 5.5 V                                                                                     |
| VOLTAGE - LOAD                   | 3 V ~ 16 V                                                                                        |
| TECHNOLOGY                       | DrMOS                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 40-PQFN (6x6)                                                                                     |
| SERIES                           | XS™ DrMOS                                                                                         |
| RDS ON (TYP)                     | 1 Ohm LS, 1 Ohm HS                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                  |
| PACKAGE / CASE                   | 40-PowerTFQFN                                                                                     |
| OUTPUT CONFIGURATION             | Half Bridge                                                                                       |
| OTHER NAMES                      | FDMF6823C-ND<br>FDMF6823CTR                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                          |
| LOAD TYPE                        | Inductive                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| INTERFACE                        | PWM                                                                                               |
| FEATURES                         | Bootstrap Circuit, Status Flag                                                                    |
| FAULT PROTECTION                 | Over Temperature, Shoot-Through, UVLO                                                             |
| DETAILED DESCRIPTION             | Half Bridge Driver Synchronous Buck Converters DrMOS 40-PQFN (6x6)                                |
| CURRENT - PEAK OUTPUT            | -                                                                                                 |
| CURRENT - OUTPUT / CHANNEL       | 50A                                                                                               |
| BASE PART NUMBER                 | FDMF6823                                                                                          |
| APPLICATIONS                     | Synchronous Buck Converters                                                                       |

Related Tags

|                                                     |                                                      |                                                    |
|-----------------------------------------------------|------------------------------------------------------|----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FDMF6823C      | FDMF6823C Distributor                                | FDMF6823C Supplier                                 |
| FDMF6823C Price                                     | FDMF6823C Pictures                                   | FDMF6823C Image                                    |
| FDMF6823C PDF Datasheet                             | FDMF6823C Download Datasheet                         | FDMF6823C Datasheet                                |
| FDMF6823C Stock                                     | Buy FDMF6823C                                        | Buy AMI Semiconductor / ON Semiconductor FDMF6823C |
| AMI Semiconductor / ON Semiconductor FDMF6823C      | AMI Semiconductor / ON Semiconductor Supplier        | AMI Semiconductor / ON Semiconductor Distributor   |
| AMI Semiconductor / ON Semiconductor FDMF6823C      | ON Semiconductor FDMF6823C                           | Aptina / ON Semiconductor FDMF6823C                |
| Catalyst Semiconductor / ON Semiconductor FDMF6823C | PulseCore Semiconductor / ON Semiconductor FDMF6823C | Sanyo Semiconductor / ON Semiconductor FDMF6823C   |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>FDMF6840C</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>FDMF6823B</b><br/>Manufacturers: Fairchild/ON Semiconductor<br/>Description: MODULE DRMOS 55A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>FDMF6821C</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 50A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>FDMF6823B</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 55A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FDMF6823C_SN00248</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: INTEGRATED CIRCUIT<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>FDMF6823A</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 60A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FDMF6821A</b><br/>Manufacturers: Fairchild/ON Semiconductor<br/>Description: MODULE DRMOS 60A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>             | <div></div> <div><b>FDMF6824B</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 55A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FDMF6833C</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 50A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>FDMF6824C</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOD DRMOS HIGH PERF 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>FDMF6821B</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 55A 40-PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>FDMF6824A</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOD DRMOS HIGH PERF 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |