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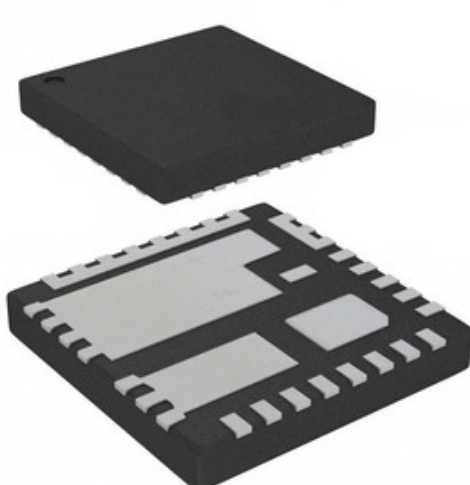


Image may be representation. See specifications for product details.

FDMF3037

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FDMF3037                                                                                                     |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC SPS HALF-BRIDGE DRVR 31PQFN                                                                               |
| Datasheets:         |  FDMF3037.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 54132 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

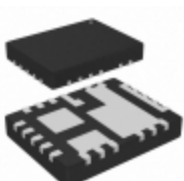
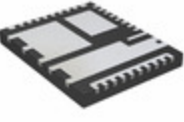
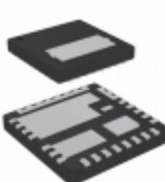
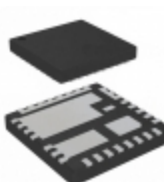
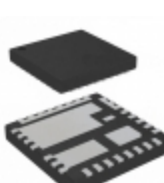
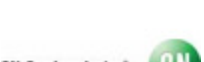
Specifications of FDMF3037

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | FDMF3037                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                             |
| DESCRIPTION                      | IC SPS HALF-BRIDGE DRVR 31PQFN                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 54132 pcs                                                                                        |
| DATA SHEET                       |  FDMF3037.pdf |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 5.5 V                                                                                    |
| VOLTAGE - LOAD                   | 4.5 V ~ 24 V                                                                                     |
| TECHNOLOGY                       | UMOS                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 31-PQFN (5x5)                                                                                    |
| SERIES                           | PowerTrench®, SyncFET™                                                                           |
| RDS ON (TYP)                     | 1 Ohm LS, 1 Ohm HS                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                 |
| PACKAGE / CASE                   | 31-PowerWQFN                                                                                     |
| OUTPUT CONFIGURATION             | Half Bridge                                                                                      |
| OTHER NAMES                      | FDMF3037TR                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 150°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, Diode Emulation                                                               |
| FAULT PROTECTION                 | Shoot-Through, UVLO                                                                              |
| DETAILED DESCRIPTION             | Half Bridge Driver Synchronous Buck Converters UMOS 31-PQFN (5x5)                                |
| CURRENT - PEAK OUTPUT            | 35A                                                                                              |
| CURRENT - OUTPUT / CHANNEL       | 35A                                                                                              |
| APPLICATIONS                     | Synchronous Buck Converters                                                                      |

Related Tags

|                                                    |                                                     |                                                   |
|----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| AMI Semiconductor / ON Semiconductor FDMF3037      | FDMF3037 Distributor                                | FDMF3037 Supplier                                 |
| FDMF3037 Price                                     | FDMF3037 Pictures                                   | FDMF3037 Image                                    |
| FDMF3037 PDF Datasheet                             | FDMF3037 Download Datasheet                         | FDMF3037 Datasheet                                |
| FDMF3037 Stock                                     | Buy FDMF3037                                        | Buy AMI Semiconductor / ON Semiconductor FDMF3037 |
| AMI Semiconductor / ON Semiconductor FDMF3037      | AMI Semiconductor / ON Semiconductor Supplier       | AMI Semiconductor / ON Semiconductor Distributor  |
| AMI Semiconductor / ON Semiconductor FDMF3037      | ON Semiconductor FDMF3037                           | Aptina / ON Semiconductor FDMF3037                |
| Catalyst Semiconductor / ON Semiconductor FDMF3037 | PulseCore Semiconductor / ON Semiconductor FDMF3037 | Sanyo Semiconductor / ON Semiconductor FDMF3037   |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>FDMF3039</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC HALF-BRIDGE DRVR PWM 22PQFN<br/>In stock: 44431 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>FDMF3032</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE SPS 2MHZ<br/>In stock: 62974 pcs<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>FDMF4061</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MCM FAN7842 DRIVER AND MV7 60 FE<br/>In stock: 25585 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>FDMF301155</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: SMART POWER STAGE (SPS)<br/>In stock: 52464 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>FDMF3170</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: LOW VOLTAGE SMART POWER STAGE 3<br/>In stock: 50431 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>FDMF3172</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: LOW VOLTAGE SMART POWER STAGE 3<br/>In stock: 46793 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>FDMF5820DC</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC SPS HALF-BRIDGE DRVR 31PQFN<br/>In stock: 64668 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>FDMF3033</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC HALF-BRIDGE DRVR PWM 31PQFN<br/>In stock: 31139 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FDMF3180</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: LOW VOLTAGE SMART POWER STAGE 3<br/>In stock: 41528 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>FDMF3035</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC SPS HALF-BRIDGE DRVR 31PQFN<br/>In stock: 36461 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>FDMF2011</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MCM FAN7842 DRIVER AND MV5 100V<br/>In stock: 34090 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>FDMF3030</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE DRMOS 50A 40-PQFN<br/>In stock: 68761 pcs<br/><div>RFQ</div></div>        |