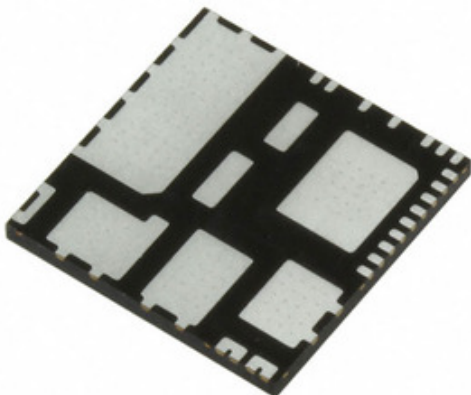




International Rectifier (Infineon Technologies)

Technologies)



IRSM836-084MATR

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | IRSM836-084MATR                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                       |
| Product description | IC HALF-BRIDGE DRVR 3CH 36PQFN                                                                                        |
| Datasheets:         |  <a href="#">IRSM836-084MATR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

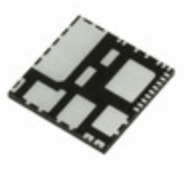
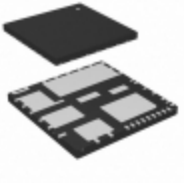
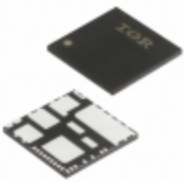
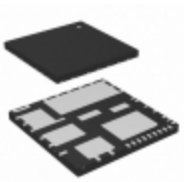
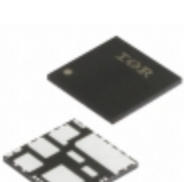
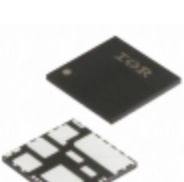
Specifications of IRSM836-084MATR

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | IRSM836-084MATR                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                         |
| DESCRIPTION                      | IC HALF-BRIDGE DRVR 3CH 36PQFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">IRSM836-084MATR.pdf</a> |
| VOLTAGE - SUPPLY                 | 10 V ~ 20 V                                                                                                             |
| VOLTAGE - LOAD                   | 200V (Max)                                                                                                              |
| TECHNOLOGY                       | UMOS                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 36-PQFN (12x12)                                                                                                         |
| SERIES                           | µIPM™                                                                                                                   |
| RDS ON (TYP)                     | 310 mOhm                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 36-PowerVQFN                                                                                                            |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                                                                                         |
| OTHER NAMES                      | SP001549934                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 24 Weeks                                                                                                                |
| LOAD TYPE                        | Inductive                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| INTERFACE                        | Logic                                                                                                                   |
| FEATURES                         | Bootstrap Circuit                                                                                                       |
| FAULT PROTECTION                 | UVLO                                                                                                                    |
| DETAILED DESCRIPTION             | Half Bridge (3) Driver AC Motors UMOS 36-PQFN (12x12)                                                                   |
| CURRENT - PEAK OUTPUT            | 27A                                                                                                                     |
| CURRENT - OUTPUT / CHANNEL       | 7A                                                                                                                      |
| APPLICATIONS                     | AC Motors                                                                                                               |

Related Tags

|                                                                 |                                                          |                                                                     |
|-----------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IRSM836-084MATR | IRSM836-084MATR Distributor                              | IRSM836-084MATR Supplier                                            |
| IRSM836-084MATR Price                                           | IRSM836-084MATR Pictures                                 | IRSM836-084MATR Image                                               |
| IRSM836-084MATR PDF Datasheet                                   | IRSM836-084MATR Download Datasheet                       | IRSM836-084MATR Datasheet                                           |
| IRSM836-084MATR Stock                                           | Buy IRSM836-084MATR                                      | Buy International Rectifier (Infineon Technologies) IRSM836-084MATR |
| International Rectifier (Infineon Technologies) IRSM836-084MATR | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor         |
| International Rectifier (Infineon Technologies) IRSM836-084MATR | International Rectifier IRSM836-084MATR                  | Infineon Technologies IRSM836-084MATR                               |
| International Rectifier (Infineon Technologies) IRSM836-084MATR | IR (Infineon Technologies) IRSM836-084MATR               |                                                                     |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>IRSM836-025MA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: 800 pcs<br/><b>RFQ</b></div>     |  <div><b>IRSM836-035MA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: 643 pcs<br/><b>RFQ</b></div>     |
|  <div><b>IRSM836-035MATR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>IRSM836-045MA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 37-PQFN<br/>In stock: 749 pcs<br/><b>RFQ</b></div>     |
|  <div><b>IRSM836-044MA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: 477 pcs<br/><b>RFQ</b></div>     |  <div><b>IRSM836-035MB</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 27-PQFN<br/>In stock: 696 pcs<br/><b>RFQ</b></div>     |
|  <div><b>IRSM836-045MATR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 37-PQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>IRSM836-035MBTR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 27-PQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>IRSM836-084MA</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC HALF-BRIDGE DRVR 3CH 36PQFN<br/>In stock: 506 pcs<br/><b>RFQ</b></div>  |  <div><b>IRSM836-024MATR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>IRSM836-025MATR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>IRSM836-044MATR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOTOR DRIVER PAR 36-PQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |