



International Rectifier (Infineon Technologies)

Technologies)



IR3578MTRPBF

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | IR3578MTRPBF                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                    |
| Product description | IC REG BUCK SYNC ADJ 30PQFN                                                                                        |
| Datasheets:         |  <a href="#">IR3578MTRPBF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Stock Condition     | 28390 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

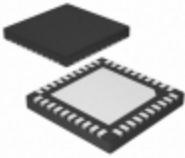
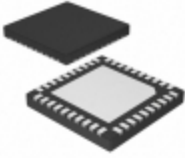
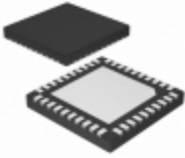
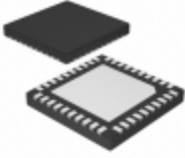
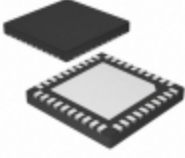
Specifications of IR3578MTRPBF

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | IR3578MTRPBF                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                      |
| DESCRIPTION                      | IC REG BUCK SYNC ADJ 30PQFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| QUANTITY AVAILABLE               | 28390 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">IR3578MTRPBF.pdf</a> |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 7 V                                                                                                          |
| VOLTAGE - LOAD                   | 4.5 V ~ 15 V                                                                                                         |
| TECHNOLOGY                       | -                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 30-PQFN (6x6)                                                                                                        |
| SERIES                           | PowIRstage®                                                                                                          |
| RDS ON (TYP)                     | -                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                   | 30-PowerVFQFN                                                                                                        |
| OUTPUT CONFIGURATION             | -                                                                                                                    |
| OTHER NAMES                      | SP001523714                                                                                                          |
| OPERATING TEMPERATURE            | -                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                           |
| LOAD TYPE                        | Inductive                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| INTERFACE                        | PWM                                                                                                                  |
| FEATURES                         | Diode Emulation, Status Flag                                                                                         |
| FAULT PROTECTION                 | Current Limiting, Over Temperature, Over Voltage, UVLO                                                               |
| DETAILED DESCRIPTION             | Driver Synchronous Buck Converters, Voltage Regulators 30-PQFN (6x6)                                                 |
| CURRENT - PEAK OUTPUT            | -                                                                                                                    |
| CURRENT - OUTPUT / CHANNEL       | 50A                                                                                                                  |
| APPLICATIONS                     | Synchronous Buck Converters, Voltage Regulators                                                                      |

Related Tags

|                                                              |                                                          |                                                                  |
|--------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IR3578MTRPBF | IR3578MTRPBF Distributor                                 | IR3578MTRPBF Supplier                                            |
| IR3578MTRPBF Price                                           | IR3578MTRPBF Pictures                                    | IR3578MTRPBF Image                                               |
| IR3578MTRPBF PDF Datasheet                                   | IR3578MTRPBF Download Datasheet                          | IR3578MTRPBF Datasheet                                           |
| IR3578MTRPBF Stock                                           | Buy IR3578MTRPBF                                         | Buy International Rectifier (Infineon Technologies) IR3578MTRPBF |
| International Rectifier (Infineon Technologies) IR3578MTRPBF | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor      |
| International Rectifier (Infineon Technologies) IR3578MTRPBF | International Rectifier IR3578MTRPBF                     | Infineon Technologies IR3578MTRPBF                               |
| International Rectifier (Infineon Technologies) IR3578MTRPBF | IR (Infineon Technologies) IR3578MTRPBF                  |                                                                  |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                               |
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|  <div><b>IR3570AMQA04TRP</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REGULATOR PG-VQFN-40-901<br/>In stock: 4367 pcs</div> <div>RFQ</div>   |  <div><b>IR3570BMTR1PBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR DL BUCK PWM 40QFN<br/>In stock: 4343 pcs</div> <div>RFQ</div> |
|  <div><b>IR3579AMTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG BUCK SYNC ADJ 30PQFN<br/>In stock: 33107 pcs</div> <div>RFQ</div>    |  <div><b>IR3584MTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC CONTROLLER DIGITAL QFN<br/>In stock: 31642 pcs</div> <div>RFQ</div>       |
|  <div><b>IR3575MTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG BUCK SYNC ADJ 60A 32PQFN<br/>In stock: 22148 pcs</div> <div>RFQ</div> |  <div><b>IR3588MLN01TRP</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG BUCK 28VQFN<br/>In stock: 5426 pcs</div> <div>RFQ</div>             |
|  <div><b>IR3570AMQA03TRP</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REGULATOR PG-VQFN-40-901<br/>In stock: 4061 pcs</div> <div>RFQ</div>   |  <div><b>IR3570BMTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR DL BUCK PWM 40QFN<br/>In stock: 30543 pcs</div> <div>RFQ</div> |
|  <div><b>IR3580MTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC CONTROLLER DIGITAL QFN<br/>In stock: 29186 pcs</div> <div>RFQ</div>       |  <div><b>IR3579MTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG BUCK SYNC ADJ 32PQFN<br/>In stock: 31919 pcs</div> <div>RFQ</div>     |
|  <div><b>IR3581MTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC CONTROLLER DIGITAL QFN<br/>In stock: 32584 pcs</div> <div>RFQ</div>       |  <div><b>IR3570AMTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR DL BUCK PWM 40QFN<br/>In stock: 29537 pcs</div> <div>RFQ</div> |