



International Rectifier (Infineon Technologies)

Technologies)



IRU3037CSTR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | IRU3037CSTR                                                                                                          |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                      |
| Product description | IC REG CTRLR BUCK/BOOST 8SOIC                                                                                        |
| Datasheets:         |  <a href="#">IRU3037CSTR.pdf</a>    |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

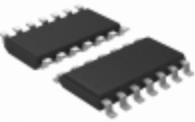
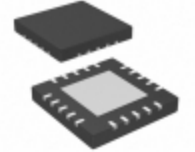
Specifications of IRU3037CSTR

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | IRU3037CSTR                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                     |
| DESCRIPTION                      | IC REG CTRLR BUCK/BOOST 8SOIC                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                  |
| DATA SHEET                       |  <a href="#">IRU3037CSTR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 25 V                                                                                                        |
| TOPOLOGY                         | Buck, Boost                                                                                                         |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                              |
| SERIES                           | -                                                                                                                   |
| SERIAL INTERFACES                | -                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                       |
| OUTPUT TYPE                      | Transistor Driver                                                                                                   |
| OUTPUT PHASES                    | 1                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                  |
| FUNCTION                         | Step-Up, Step-Down                                                                                                  |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                              |
| DUTY CYCLE (MAX)                 | 90%                                                                                                                 |
| DETAILED DESCRIPTION             | Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 8-SOIC                                 |
| CONTROL FEATURES                 | Enable, Soft Start                                                                                                  |
| CLOCK SYNC                       | No                                                                                                                  |
| BASE PART NUMBER                 | IRU3037CS                                                                                                           |

Related Tags

|                                                             |                                                          |                                                                 |
|-------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|
| International Rectifier (Infineon Technologies) IRU3037CSTR | IRU3037CSTR Distributor                                  | IRU3037CSTR Supplier                                            |
| IRU3037CSTR Price                                           | IRU3037CSTR Pictures                                     | IRU3037CSTR Image                                               |
| IRU3037CSTR PDF Datasheet                                   | IRU3037CSTR Download Datasheet                           | IRU3037CSTR Datasheet                                           |
| IRU3037CSTR Stock                                           | Buy IRU3037CSTR                                          | Buy International Rectifier (Infineon Technologies) IRU3037CSTR |
| International Rectifier (Infineon Technologies) IRU3037CSTR | International Rectifier (Infineon Technologies) Supplier | International Rectifier (Infineon Technologies) Distributor     |
| International Rectifier (Infineon Technologies) IRU3037CSTR | International Rectifier IRU3037CSTR                      | Infineon Technologies IRU3037CSTR                               |
| International Rectifier (Infineon Technologies) IRU3037CSTR | IR (Infineon Technologies) IRU3037CSTR                   |                                                                 |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>IRU3038CS</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>IRU3037CSPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>IRU3046CFTR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG TRPL BCK/LDO SYNC 24TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>IRU3037CFTR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>IRU3039CHTR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 20MLPQ<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>IRU3037CSTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>IRU3038CSTR</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>IRU3038CF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 14TSSOP<br/>In stock: 163 pcs<br/><div>RFQ</div></div>      |
|  <div><b>IRU3037CFTRPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>IRU3037CF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>IRU3037CFPBF</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>IRU3037CS</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG CTRLR BUCK/BOOST 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |