

ICE3RBR1765JGXUMA1



**Part Number:** ICE3RBR1765JGXUMA1

**Manufacturer:** International Rectifier (Infineon Technologies)

**Description:** IC OFFLN CONV FLYBACK 12DSO

**Data sheet:**  ICE3RBR1765JG

**RoHs Status:** Lead free / RoHS Compliant

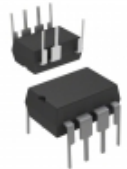
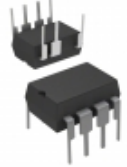
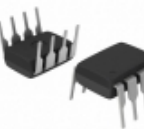
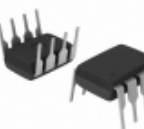
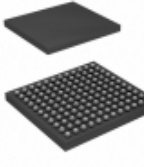
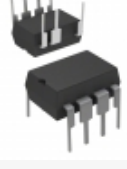
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                                 |                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|-------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ICE3RBR1765JGXUMA1          | Manufacturer                    | International Rectifier (Infineon Technologies)             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC OFFLN CONV FLYBACK 12DSO | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 83889 pcs                   | Data sheet                      | ICE3RBR1765JG                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Integrated Circuits (ICs)   | Voltage - Supply (Vcc/Vdd)      | 10.5 V ~ 25 V                                               |
| Voltage - Start Up                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18V                         | Voltage - Breakdown             | 650V                                                        |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Flyback                     | Supplier Device Package         | PG-DSO-12                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CoolMOS™, CoolSET™          | Power (Watts)                   | 41.5W                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)            | Package / Case                  | 12-BSOP (0.295", 7.50mm Width)                              |
| Output Isolation                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Isolated                    | Other Names                     | ICE3RBR1765JGXUMA1TR<br>SP001421232                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 125°C (TJ)          | Mounting Type                   | Surface Mount                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)               | Manufacturer Standard Lead Time | 20 Weeks                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant  | Internal Switch(s)              | Yes                                                         |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 65kHz                       | Fault Protection                | Current Limiting, Over Load, Over Temperature, Over Voltage |
| Duty Cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 75%                         | Detailed Description            | Converter Offline Flyback Topology 65kHz PG-DSO-12          |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                           |                                 |                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all International Rectifier (Infineon Technologies) series electronic components. We have 83889 pieces of International Rectifier (Infineon Technologies) ICE3RBR1765JGXUMA1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                             |                                 |                                                             |

| RELATED PRODUCTS                                                                   |                                                                            |                                                                |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------|-----|
|  | Part#: ICE3RBR1765JZXKLA1<br>Description: IC PFC CONTROLLER CCM 7DIP       | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3RBR4765JGXUMA1<br>Description: IC OFFLINE CTRLR SMPS CM 12DSO   | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3DS01LG<br>Description: IC OFFLINE CTRLR SMPS CM 8DSO            | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3RBR4765JZXKLA1<br>Description: IC OFFLINE CTRLR SMPS CM DIP7    | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE40-DAC<br>Description: EXTENSION MODULE FOR ICE40HX1K-E          | Manufacturers: Olimex                                          | RFQ |
|  | Part#: ICE3BS03LJGXUMA1<br>Description: IC OFFLINE CTRLR PWM SMPS 8DSO     | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3PCS01GXUMA1<br>Description: IC PFC CONTROLLER CCM 14DSO         | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE40HX1K-BLINK-EVN<br>Description: BOARD EVAL ICEBLINK40-HX1K      | Manufacturers: Lattice Semiconductor                           | RFQ |
|  | Part#: ICE40HX1K-EVB<br>Description: ICE40HX1K FPGA DEVELOPMENT BOARD      | Manufacturers: Olimex                                          | RFQ |
|  | Part#: ICE40-DIO<br>Description: ICE40-DIO DIGITAL INPUT / OUTPUT          | Manufacturers: Olimex                                          | RFQ |
|  | Part#: ICE3PCS02GXUMA1<br>Description: IC PFC CONTROLLER CCM 8DSO          | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3PCS03GXUMA1<br>Description: IC PFC CONTROLLER CCM 8-DSO         | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3DS01L<br>Description: IC OFFLINE CTRLR SMPS CM 8DIP             | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE40-ADC<br>Description: EXTENSION MODULE FOR ICE40HX1K-E          | Manufacturers: Olimex                                          | RFQ |
|  | Part#: ICE40-IO<br>Description: EXTENSION MODULE FOR ICE40HX1K-E           | Manufacturers: Olimex                                          | RFQ |
|  | Part#: ICE3BS02L<br>Description: IC OFFLINE CTRLR SMPS CM 8DIP             | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3GS03LJGXUMA1<br>Description: IC PFC CONTROLLER CCM 8DSO         | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE3RBR0665JGXUMA1<br>Description: IC OFFLINE CTRLR SMPS OTP DSO-12 | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |
|  | Part#: ICE40HX1K-CB132<br>Description: IC FPGA 95 I/O 132CSBGA             | Manufacturers: Lattice Semiconductor                           | RFQ |
|  | Part#: ICE3RBR0665JZXKLA1<br>Description: IC PFC CONTROLLER CCM 7DIP       | Manufacturers: International Rectifier (Infineon Technologies) | RFQ |

Related keywords for ICE3RBR1765JGXUMA1

|                                                 |                                                 |                                                 |                                               |
|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|
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|                                                 |                                                 | ICE3RBR1765JGXUMA1                              |                                               |