



International Rectifier (Infineon Technologies)

Technologies)

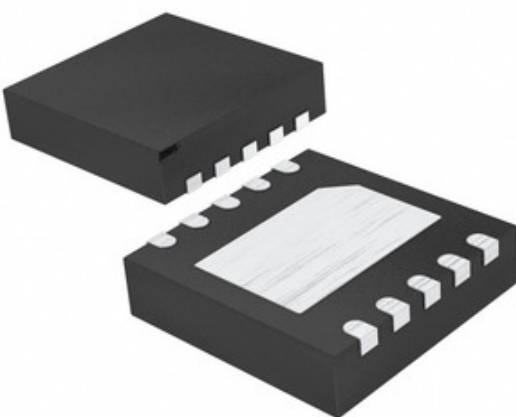


Image may be representation. See specifications for product details.

TLS810D1LDV50XUMA1

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TLS810D1LDV50XUMA1                                                                                                       |
| Manufacturer/Brand: | International Rectifier (Infineon Technologies)                                                                          |
| Product description | IC REG LINEAR 5V 100MA TSON-10                                                                                           |
| Datasheets:         |  <a href="#">TLS810D1LDV50XUMA1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 129965 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

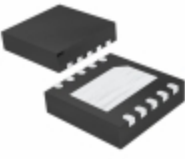
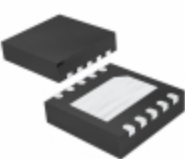
Specifications of TLS810D1LDV50XUMA1

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TLS810D1LDV50XUMA1                                                                                                         |
| MANUFACTURER                     | International Rectifier (Infineon Technologies)                                                                            |
| DESCRIPTION                      | IC REG LINEAR 5V 100MA TSON-10                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 129965 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">TLS810D1LDV50XUMA1.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.55V @ 100mA                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                          |
| VOLTAGE - INPUT (MAX)            | 42V                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | PG-TSON-10                                                                                                                 |
| SERIES                           | Automotive, AEC-Q100                                                                                                       |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                           |
| PACKAGE / CASE                   | 10-TFDFN Exposed Pad                                                                                                       |
| PSRR                             | 55dB (100Hz)                                                                                                               |
| OUTPUT TYPE                      | Fixed                                                                                                                      |
| OUTPUT CONFIGURATION             | Positive                                                                                                                   |
| OTHER NAMES                      | SP001349914<br>TLS810D1LDV50XUMA1-ND<br>TLS810D1LDV50XUMA1TR                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                         |
| NUMBER OF REGULATORS             | 1                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 100mA PG-TSON-10                                                    |
| CURRENT - SUPPLY (MAX)           | 16μA                                                                                                                       |
| CURRENT - QUIESCENT (IQ)         | 1μA                                                                                                                        |
| CURRENT - OUTPUT                 | 100mA                                                                                                                      |
| CONTROL FEATURES                 | Enable, Reset                                                                                                              |

Related Tags

|                                                                       |                                                          |                                                                           |
|-----------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| International Rectifier (Infineon Technologies)<br>TLS810D1LDV50XUMA1 | TLS810D1LDV50XUMA1 Distributor                           | TLS810D1LDV50XUMA1 Supplier                                               |
| TLS810D1LDV50XUMA1 Price                                              | TLS810D1LDV50XUMA1 Pictures                              | TLS810D1LDV50XUMA1 Image                                                  |
| TLS810D1LDV50XUMA1 PDF Datasheet                                      | TLS810D1LDV50XUMA1 Download Datasheet                    | TLS810D1LDV50XUMA1 Datasheet                                              |
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| International Rectifier (Infineon Technologies)<br>TLS810D1LDV50XUMA1 | IR (Infineon Technologies) TLS810D1LDV50XUMA1            |                                                                           |

Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                       |
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|  <div><b>TLS810B1LDV50XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 5V 100MA TSON-10<br/>In stock: 147562 pcs<br/><b>RFQ</b></div>   |  <div><b>TLS810C1EJV33XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 3.3V 100MA 8DSO<br/>In stock: 160858 pcs<br/><b>RFQ</b></div>    |
|  <div><b>TLS850B0TBV33ATMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LIN 3.3V 1.1A TO263-5-1<br/>In stock: 89112 pcs<br/><b>RFQ</b></div>    |  <div><b>TLS810B1LDV33XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 3.3V 100MA TSON-10<br/>In stock: 153977 pcs<br/><b>RFQ</b></div> |
|  <div><b>TLS820F0ELV33XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 3.3V 200MA 14SSOP<br/>In stock: 139886 pcs<br/><b>RFQ</b></div>  |  <div><b>TLS820D0ELV50XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 5V 200MA 14SSOP<br/>In stock: 139374 pcs<br/><b>RFQ</b></div>    |
|  <div><b>TLS810D1LDV33XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 3.3V 100MA TSON-10<br/>In stock: 150996 pcs<br/><b>RFQ</b></div> |  <div><b>TLS820F0ELV50XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 5V 200MA 14SSOP<br/>In stock: 139231 pcs<br/><b>RFQ</b></div>    |
|  <div><b>TLS820D0ELV33XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 3.3V 200MA 14SSOP<br/>In stock: 159546 pcs<br/><b>RFQ</b></div>  |  <div><b>TLS810D1EJV50XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LIN 5V 100MA 8DSO E-PAD<br/>In stock: 47428 pcs<br/><b>RFQ</b></div>    |
|  <div><b>TLS820F1ELV50XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LINEAR 5V 200MA 14SSOP<br/>In stock: 113234 pcs<br/><b>RFQ</b></div>    |  <div><b>TLS810D1EJV33XUMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC REG LIN 3.3V 100MA 8DSO E-PAD<br/>In stock: 143914 pcs<br/><b>RFQ</b></div> |

