



LTC3887EIJ-1

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC3887EIJ-1                                                                                                         |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                           |
| Product description | IC POWER MANAGEMENT                                                                                                  |
|                     |  1.LTC3887EIJ-1.pdf                 |
|                     |  2.LTC3887EIJ-1.pdf                 |
|                     |  3.LTC3887EIJ-1.pdf                 |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4233 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

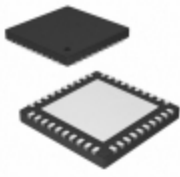
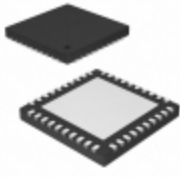
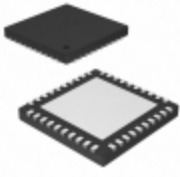
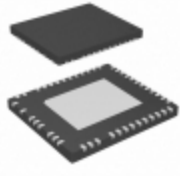
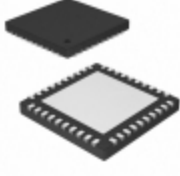
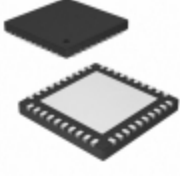
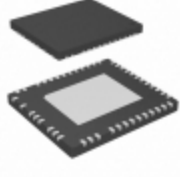
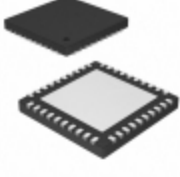
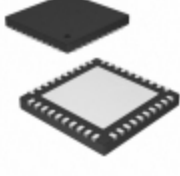
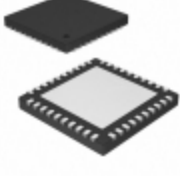
Specifications of LTC3887EIJ-1

|                                |                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | LTC3887EIJ-1                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                   | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                    | IC POWER MANAGEMENT                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                         |
| QUANTITY AVAILABLE             | 4233 pcs                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                     |  1.LTC3887EIJ-1.pdf<br> 2.LTC3887EIJ-1.pdf<br> 3.LTC3887EIJ-1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 4.5 V ~ 24 V                                                                                                                                                                                                                                                                                                               |
| TOPOLOGY                       | Buck                                                                                                                                                                                                                                                                                                                       |
| SYNCHRONOUS RECTIFIER          | Yes                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE        | 40-QFN (6x6)                                                                                                                                                                                                                                                                                                               |
| SERIES                         | PolyPhase®                                                                                                                                                                                                                                                                                                                 |
| SERIAL INTERFACES              | I²C, PMBus                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                      | Tube                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                 | 40-WFQFN Exposed Pad                                                                                                                                                                                                                                                                                                       |
| OUTPUT TYPE                    | Transistor Driver                                                                                                                                                                                                                                                                                                          |
| OUTPUT PHASES                  | 2                                                                                                                                                                                                                                                                                                                          |
| OUTPUT CONFIGURATION           | Positive                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE          | -40°C ~ 125°C (TJ)                                                                                                                                                                                                                                                                                                         |
| NUMBER OF OUTPUTS              | 2                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                         |
| FUNCTION                       | Step-Down                                                                                                                                                                                                                                                                                                                  |
| FREQUENCY - SWITCHING          | 250kHz ~ 1MHz                                                                                                                                                                                                                                                                                                              |
| DUTY CYCLE (MAX)               | -                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION           | Buck Regulator Positive Output Step-Down I²C, PMBus DC-DC Controller IC 40-QFN (6x6)                                                                                                                                                                                                                                       |
| CONTROL FEATURES               | Enable, Frequency Control, Phase Control                                                                                                                                                                                                                                                                                   |
| CLOCK SYNC                     | Yes                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER               | LTC3887-1                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                         |                                     |                                             |
|-----------------------------------------|-------------------------------------|---------------------------------------------|
| ADI (Analog Devices, Inc.) LTC3887EIJ-1 | LTC3887EIJ-1 Distributor            | LTC3887EIJ-1 Supplier                       |
| LTC3887EIJ-1 Price                      | LTC3887EIJ-1 Pictures               | LTC3887EIJ-1 Image                          |
| LTC3887EIJ-1 PDF Datasheet              | LTC3887EIJ-1 Download Datasheet     | LTC3887EIJ-1 Datasheet                      |
| LTC3887EIJ-1 Stock                      | Buy LTC3887EIJ-1                    | Buy ADI (Analog Devices, Inc.) LTC3887EIJ-1 |
| ADI (Analog Devices, Inc.) LTC3887EIJ-1 | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor      |
| ADI (Analog Devices, Inc.) LTC3887EIJ-1 | AD LTC3887EIJ-1                     | ADI (Analog Devices, Inc.) LTC3887EIJ-1     |
| Analog Devices Inc. LTC3887EIJ-1        | Analog Devices, Inc. LTC3887EIJ-1   |                                             |

Related Products

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| <div></div> <div><b>LTC3887EIJ#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK PMBUS 40QFN<br/>In stock: 12028 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>LTC3886IUKG</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: 3413 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>LTC3887EIJ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: 4440 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>LTC3887EIJ-2#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DUAL OUTPUT POLYPHASE STEP-DOWN<br/>In stock: 7140 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LTC3886IUKG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK PMBUS 52QFN<br/>In stock: 10044 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LTC3887IUHE-9</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: 3079 pcs<br/><div>RFQ</div></div>                   |
| <div></div> <div><b>LTC3887EIJ-1#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK PMBUS 40QFN<br/>In stock: 12527 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LTC3887EIJ-2#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: DUAL OUTPUT POLYPHASE STEP-DOWN<br/>In stock: 15510 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>LTC3886IUKG#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK PMBUS 52QFN<br/>In stock: 7160 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LTC3887EIJ#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK PMBUS 40QFN<br/>In stock: 7599 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>LTC3887EIJ-1#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG CTRLR BUCK PMBUS 40QFN<br/>In stock: 7574 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>LTC3887IUIJ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC POWER MANAGEMENT<br/>In stock: 4742 pcs<br/><div>RFQ</div></div>                     |