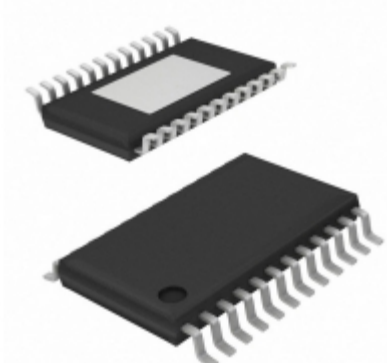


LTC3126EFE#PBF



Part Number:

LTC3126EFE#PBF

Manufacturer:

Linear Technology

Description:

IC REG BCK BST 2.5A SYN 28TSSOP

Data sheet:

 [LTC3126 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

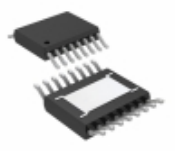
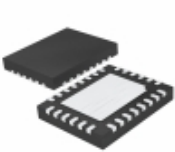
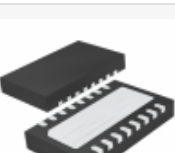
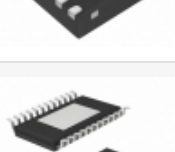
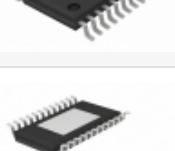
Shipment Way:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC3126EFE#PBF                            | Manufacturer                     | <a href="#">Linear Technology</a>                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG BCK BST 2.5A SYN 28TSSOP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12206 pcs                                 | Data sheet                       | <a href="#">LTC3126 Datasheet</a>                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Start Up               | Buck                                                                                                             |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.818V                                    | Voltage - Input (Max)            | 42V                                                                                                              |
| Voltage - Dropout (Typical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.4V                                      | Voltage - Breakdown              | 28-TSSOP                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | RoHS Status                      | Tube                                                                                                             |
| Regulator Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2.5A                                      | Polarization                     | 28-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                      |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Adjustable                                | Output Configuration             | 1                                                                                                                |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step-Down                                 | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                               |
| Number of DAC's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 200kHz ~ 2.2MHz                           | Noise - 0.1Hz to 10Hz            | 24V                                                                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                    |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3126EFE#PBF                            | Expanded Description             | Buck Switching Regulator IC Positive Adjustable 0.818V 1 Output 2.5A 28-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG BCK BST 2.5A SYN 28TSSOP           | Contact Rating @ Voltage         | Positive                                                                                                         |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                       |                                  |                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3124HFE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 16TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126HFE#PBF</a><br>Description: IC REG BCK BST 2.5A SYN 28TSSOP     | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126EUFD#TRPBF</a><br>Description: IC REG BCK BST 2.5A SYN 28QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3125EDCB#TRPBF</a><br>Description: IC REG BOOST ADJ 1.2A SYNC 8DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126EFE#TRPBF</a><br>Description: IC REG BCK BST 2.5A SYN 28TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3124IDHC#TRPBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 16DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3124IFE#PBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 16TSSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126HFE</a><br>Description: IC REG BUCK BOOST                       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3125EDCB</a><br>Description: IC REG BUCK BOOST                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126EUFD#PBF</a><br>Description: IC REG BCK BST 2.5A SYN 28QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3124IFE#TRPBF</a><br>Description: IC REG BST ADJ 2.5A SYNC 16TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126EUFD</a><br>Description: IC REG BUCK BOOST                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126IFE</a><br>Description: IC REG BUCK BOOST                       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3124IFE</a><br>Description: IC REG BUCK BOOST                       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3125EDCB#TRMPBF</a><br>Description: IC REG BOOST ADJ 1.2A SYNC 8DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126IFE#PBF</a><br>Description: IC REG BCK BST 2.5A SYN 28TSSOP     | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126IFE#TRPBF</a><br>Description: IC REG BCK BST 2.5A SYN 28TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3124IDHC#PBF</a><br>Description: IC REG BOOST ADJ 2.5A SYNC 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126EFE</a><br>Description: IC REG BUCK BOOST                       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3126HFE#TRPBF</a><br>Description: IC REG BCK BST 2.5A SYN 28TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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