

LTC3542EDC#TRMPBF





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Part Number: [LTC3542EDC#TRMPBF](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC REG BUCK ADJ 0.5A SYNC 6DFN

Data sheet:  [LTC3542](#)

RoHs Status: [Lead free / RoHS Compliant](#)

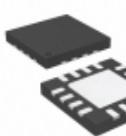
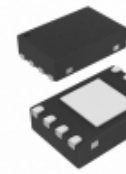
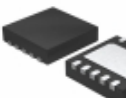
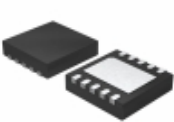
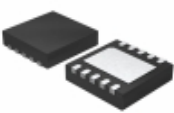
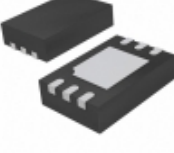
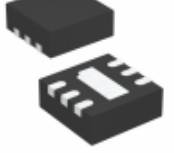
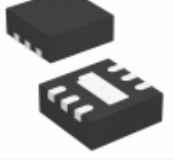
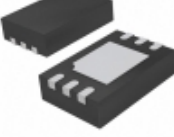
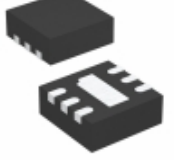
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                        |                                  |                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3542EDC#TRMPBF                                                                      | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG BUCK ADJ 0.5A SYNC 6DFN                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 52618 pcs                                                                              | Data sheet                       | <a href="#">LTC3542</a>                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                              | Voltage - Output (Min/Fixed)     | 0.6V                                                            |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5.5V                                                                                   | Voltage - Input (Min)            | 2.5V                                                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.5V                                                                                   | Topology                         | Buck                                                            |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                                                                    | Supplier Device Package          | 6-DFN (2x2)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                      | Packaging                        | Tape & Reel (TR)                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6-WDFN Exposed Pad                                                                     | Output Type                      | Adjustable                                                      |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                                                               | Other Names                      | LTC3542EDC#TRMPBF-ND<br>LTC3542EDC#TRMPBFTR<br>LTC3542EDCTRMPBF |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                                                                      | Number of Outputs                | 1                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10 Weeks                                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Step-Down                                                                              | Frequency - Switching            | 2.25MHz                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 500mA 6-WDFN Exposed Pad | Current - Output                 | 500mA                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LTC3542                                                                                |                                  |                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LTC3544BEUD#PBF</a><br>Description: IC REG BUCK ADJ QD SYNC 16QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3539EDCB-2#TRPBF</a><br>Description: IC REG BOOST ADJ 2A SYNC 8DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3541EDD-2#PBF</a><br>Description: IC REG DL BCK/LINEAR SYNC 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3541EDD#TRPBF</a><br>Description: IC REG DL BCK/LINEAR SYNC 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3541EDD-1#TRPBF</a><br>Description: IC REG DL BCK/LINEAR SYNC 10-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3541EDD-3#PBF</a><br>Description: IC REG DL BCK/LINEAR SYNC 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3541EDD-2#TRPBF</a><br>Description: IC REG DL BCK/LINEAR SYNC 10-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3543EDCB#TRMPBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 6DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3542ES6#TRMPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3542IS6#TRPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC3542EDC#TRPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC 6DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC3542IDC#TRPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC 6DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3543EDCB#TRPBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 6DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3542ES6#TRPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3542IDC#TRMPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC 6DFN    | Manufacturers: <a href="#">Linear Technology</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3539EDCB-2#TRMPBF</a><br>Description: IC REG BOOST ADJ 2A SYNC 8DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3542IS6#TRMPBF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3541EDD-3#TRPBF</a><br>Description: IC REG DL BCK/LINEAR SYNC 10-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

Related keywords for LTC3542EDC#TRMPBF

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