

LTC3417AEDHC-2#TRPBF



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Part Number:

LTC3417AEDHC-2#TRPBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG BUCK ADJ 1A/1.5A DL 16DFN

Data sheet:

 LTC3417A-2 Datasheet

 Mac OS X Shortcuts

 LTspice Flyer

 LTspice IV Getting Started Guide

 LTpowerCAD II User Guide

 LTpowerCAD II Quick Start Guide

RoHs Status:

Lead free / RoHS Compliant

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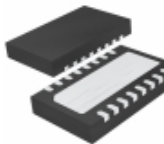
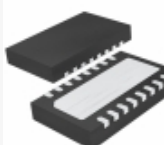
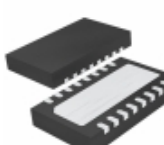
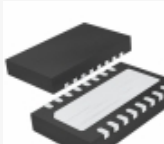
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                  |                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LTC3417AEDHC-2#TRPBF                                                                        | Manufacturer                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG BUCK ADJ 1A/1.5A DL 16DFN                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 27952 pcs                                                                                   | Data sheet                       | <a href="#">LTC3417A-2 Datasheet</a><br><a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a><br><a href="#">LTpowerCAD II User Guide</a><br><a href="#">LTpowerCAD II Quick Start Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                   | Voltage - Output (Min/Fixed)     | 0.8V                                                                                                                                                                                                                                                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5V                                                                                          | Voltage - Input (Min)            | 2.25V                                                                                                                                                                                                                                                          |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.5V                                                                                        | Topology                         | Buck                                                                                                                                                                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                                         | Supplier Device Package          | 16-DFN (5x3)                                                                                                                                                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                           | Packaging                        | Tape & Reel (TR)                                                                                                                                                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16-WDFDN Exposed Pad                                                                        | Output Type                      | Adjustable                                                                                                                                                                                                                                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                                                    | Other Names                      | LTC3417AEDHC-2#TRPBF-ND<br>LTC3417AEDHC-2#TRPBFTR                                                                                                                                                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                                                                           | Number of Outputs                | 2                                                                                                                                                                                                                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                                               | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12 Weeks                                                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                     |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Down                                                                                   | Frequency - Switching            | 1.5MHz, 600kHz ~ 4MHz                                                                                                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Buck Switching Regulator IC Positive Adjustable 0.8V 2 Output 1A, 1.5A 16-WDFDN Exposed Pad | Current - Output                 | 1A, 1.5A                                                                                                                                                                                                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3417                                                                                     |                                  |                                                                                                                                                                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                           |                |
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