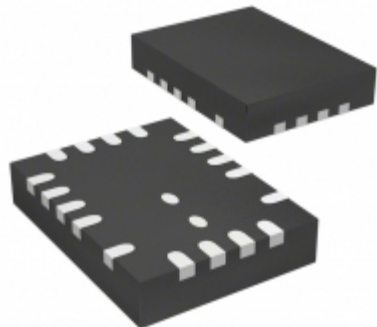


LT8640HUDC-1#TRPBF



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Part Number:

LT8640HUDC-1#TRPBF

Manufacturer

ADI (Analog Devices, Inc.)

Description

42V, 6A SYNCHRONOUS STEP-DOWN SI

Data sheet:

 Mac OS X Shortcuts

 LTspice Flyer

 LTspice IV Getting Started Guide

 LTpowerCAD II User Guide

 LT8640(-1) Datasheet

 LTpowerCAD II Quick Start Guide

RoHs Status:

RoHS Compliant

Ship From:

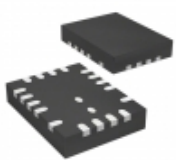
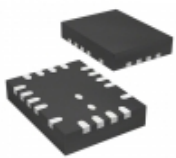
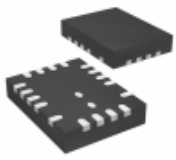
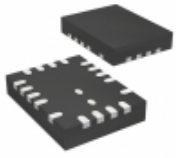
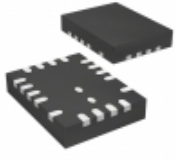
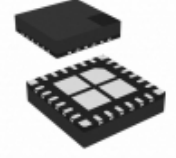
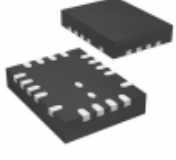
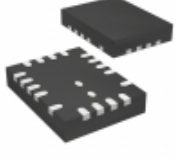
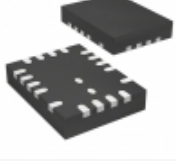
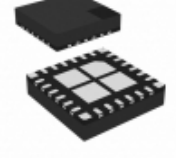
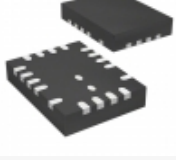
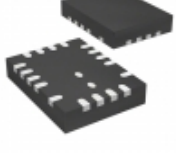
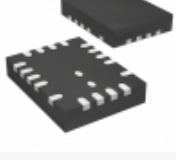
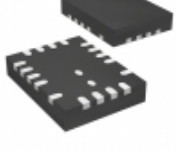
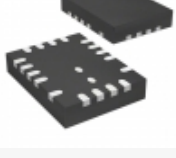
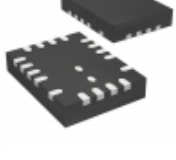
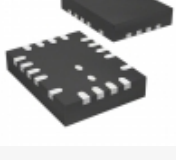
Hong Kong

Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                   |                                  |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | LT8640HUDC-1#TRPBF                                                                                | Manufacturer                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | 42V, 6A SYNCHRONOUS STEP-DOWN SI                                                                  | Lead Free Status / RoHS Status   | RoHS Compliant                                                                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 16201 pcs                                                                                         | Data sheet                       | <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="#">LT8640(-1) Datasheet</a><br><a href="#">LTpowerCAD II Quick Start Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                                         | Voltage - Output (Min/Fixed)     | 0.97V                                                                                                                                                                                                                                                          |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                | 42V                                                                                               | Voltage - Input (Min)            | 3.4V                                                                                                                                                                                                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                 | 42V                                                                                               | Topology                         | Buck                                                                                                                                                                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                               | Supplier Device Package          | 20-QFN (3x4)                                                                                                                                                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                                                 | RoHS Status                      | RoHS Compliant                                                                                                                                                                                                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                                                                                  | Package / Case                   | 20-WFQFN, 18 Leads, Exposed Pad                                                                                                                                                                                                                                |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Adjustable                                                                                        | Output Configuration             | Positive                                                                                                                                                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 150°C (TJ)                                                                                | Number of Outputs                | 1                                                                                                                                                                                                                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                                                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                  |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                              | Step-Down                                                                                         | Frequency - Switching            | 210kHz ~ 2MHz                                                                                                                                                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | Buck Switching Regulator IC Positive Adjustable 0.97V 1 Output 5A 20-WFQFN, 18 Leads, Exposed Pad | Current - Output                 | 5A                                                                                                                                                                                                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | LT8640                                                                                            |                                  |                                                                                                                                                                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT8640EUDC#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 18QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640HUDC-1#PBF</a><br>Description: 42V, 6A SYNCHRONOUS STEP-DOWN SI | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8631IFE#PBF</a><br>Description: IC REG BUCK ADJ 1A 20TSSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8641HUDC#TRPBF</a><br>Description: 65V, 3.5A SYNCHRONOUS STEP-DOWN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640HUDC#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 18QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8631IFE#TRPBF</a><br>Description: IC REG BUCK ADJ 1A 20TSSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640IUDC-1#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 18QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640SIV#PBF</a><br>Description: IC REG BUCK ADJ 6A 42V 24LGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8631HFE#TRPBF</a><br>Description: IC REG BUCK ADJ 1A 20TSSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640IUDC-1#PBF</a><br>Description: IC REG BUCK ADJ 5A 18QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8641EUDC#PBF</a><br>Description: IC REG BUCK ADJ 3.5A SYNC 18QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640EUDC#PBF</a><br>Description: IC REG BUCK ADJ 5A 18QFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640SEV#PBF</a><br>Description: IC REG BUCK ADJ 6A 42V 24LGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT8640EUDC-1#PBF</a><br>Description: IC REG BUCK ADJ 5A 18QFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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