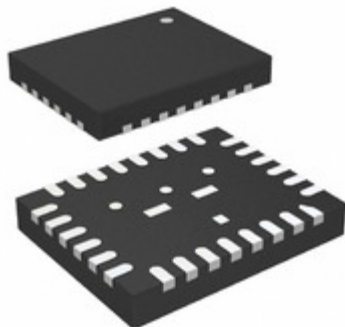


LTC3636EUFD#PBF





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Part Number: [LTC3636EUFD#PBF](#)

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

Description: IC REG BUCK ADJ 20V 6A SYNC 28

Data sheet:  [LTC3636\(-1\) Datasheet](#)  
 [LTpowerCAD II User Guide](#)  
 [LTpowerCAD II Quick Start Guide](#)

RoHs Status:

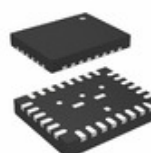
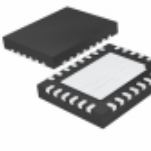
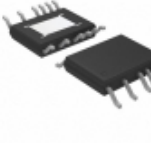
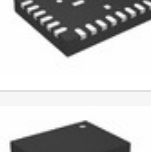
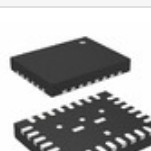
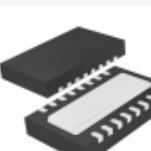
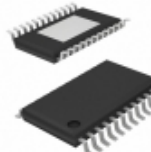
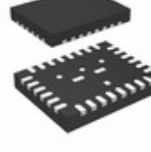
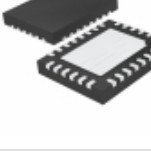
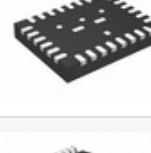
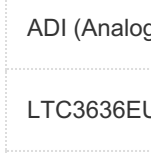
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                       |                                 |                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3636EUFD#PBF                                                                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 20V 6A SYNC 28                                                        | Lead Free Status / RoHS Status  |                                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17639 pcs                                                                             | Data sheet                      | <a href="#">LTC3636(-1) Datasheet</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)    | 0.6V                                                                                                                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5V                                                                                    | Voltage - Input (Min)           | 3.1V                                                                                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20V                                                                                   | Topology                        | Buck                                                                                                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                    | Supplier Device Package         | 28-QFN (4x5)                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                     | Packaging                       | Tube                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28-WFQFN Exposed Pad                                                                  | Output Type                     | Adjustable                                                                                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                                                              | Operating Temperature           | -40°C ~ 125°C (TJ)                                                                                                                   |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                                                                     | Mounting Type                   | Surface Mount                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                                                         | Manufacturer Standard Lead Time | 10 Weeks                                                                                                                             |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Step-Down                                                                             | Frequency - Switching           | Adjustable                                                                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Buck Switching Regulator IC Positive Adjustable 0.6V 2 Output 6A 28-WFQFN Exposed Pad | Current - Output                | 6A                                                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LTC3636                                                                               |                                 |                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3636IUFD-1#TRPBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634IUFD#PBF</a><br>Description: IC CONV DDR DDR2 DDR3 28QFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637EMSE#PBF</a><br>Description: IC REG BUCK ADJ 1A 16MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3636IUFD-1#PBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634MPUFD#TRPBF</a><br>Description: IC REG 15V 3A STEP DOWN 28-QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634IFE#PBF</a><br>Description: IC CONV DDR DDR2 DDR3 28TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3636EUFD-1#PBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3636IUFD#PBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634IFE</a><br>Description: IC POWER MANAGEMENT                     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637EDHC#PBF</a><br>Description: IC REG BUCK ADJ 1A 16DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634MPFE</a><br>Description: IC POWER MANAGEMENT                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634MPUFD#PBF</a><br>Description: IC CONV DDR DDR2 DDR3 28-QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3636EUFD#TRPBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637EDHC#TRPBF</a><br>Description: IC REG BUCK ADJ 1A 16DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634MPFE#PBF</a><br>Description: IC CONV DDR DDR2 DDR3 28TSSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3636EUFD-1#TRPBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634IUFD#TRPBF</a><br>Description: IC CONV DDR DDR2 DDR3 28QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3634MPFE#TRPBF</a><br>Description: IC REG 15V 3A STEP DOWN 28-TSSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3636IUFD#TRPBF</a><br>Description: IC REG BUCK ADJ 20V 6A SYNC 28   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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