



Microsemi



Image may be representation. See specifications for product details.

LX1553CD

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | LX1553CD                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                      |
| Product description | IC REG CTRLR BUCK/BOOST 14SOIC                                                                                 |
| Datasheets:         |  <a href="#">LX1553CD.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 5180 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of LX1553CD

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LX1553CD                                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                                        |
| DESCRIPTION                      | IC REG CTRLR BUCK/BOOST 14SOIC                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 5180 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">LX1553CD.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 30 V                                                                                                     |
| TOPOLOGY                         | Buck, Boost                                                                                                      |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                          |
| SERIES                           | -                                                                                                                |
| SERIAL INTERFACES                | -                                                                                                                |
| PACKAGING                        | Tube                                                                                                             |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                   |
| OUTPUT TYPE                      | Transistor Driver                                                                                                |
| OUTPUT PHASES                    | 1                                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| FUNCTION                         | Step-Up, Step-Down                                                                                               |
| FREQUENCY - SWITCHING            | -                                                                                                                |
| DUTY CYCLE (MAX)                 | 96%                                                                                                              |
| DETAILED DESCRIPTION             | Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 14-SOIC                             |
| CONTROL FEATURES                 | Frequency Control                                                                                                |
| CLOCK SYNC                       | No                                                                                                               |
| BASE PART NUMBER                 | LX155*                                                                                                           |

Related Tags

|                                                   |                                              |                                                    |
|---------------------------------------------------|----------------------------------------------|----------------------------------------------------|
| Microsemi LX1553CD                                | LX1553CD Distributor                         | LX1553CD Supplier                                  |
| LX1553CD Price                                    | LX1553CD Pictures                            | LX1553CD Image                                     |
| LX1553CD PDF Datasheet                            | LX1553CD Download Datasheet                  | LX1553CD Datasheet                                 |
| LX1553CD Stock                                    | Buy LX1553CD                                 | Buy Microsemi LX1553CD                             |
| Microsemi LX1553CD                                | Microsemi Supplier                           | Microsemi Distributor                              |
| Microsemi LX1553CD                                | Microsemi Analog Mixed Signal Group LX1553CD | Microsemi Analog Mixed Signal Group [MIL] LX1553CD |
| Microsemi Consumer Medical Product Group LX1553CD | Microsemi HI-REL [MIL] LX1553CD              | Microsemi Power Management Group LX1553CD          |
| Microsemi Power Products Group LX1553CD           | Microsemi SoC LX1553CD                       | Microsemi Commercial Components Group LX1553CD     |
| Microsemi Corporation LX1553CD                    | Microsemi Solutions Sdn Bhd. LX1553CD        |                                                    |

Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LX15531D</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK/BOOST 14SOIC<br/>In stock: 6238 pcs</div> <div>RFQ</div> | <div></div> <div><b>LX15521D</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 6322 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>LX1552CPW</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR PWM CM 20-TSSOP<br/>In stock: 6490 pcs</div> <div>RFQ</div>  | <div></div> <div><b>LX1552MY</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 6233 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>LX15521M</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 6874 pcs</div> <div>RFQ</div>      | <div></div> <div><b>LX15531DM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK/BOOST 8SOIC<br/>In stock: 4753 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>LX1552CM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 4993 pcs</div> <div>RFQ</div>      | <div></div> <div><b>LX1553CPW</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK/BOOST 20TSSOP<br/>In stock: 4397 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>LX1553CM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK/BOOST 8DIP<br/>In stock: 6880 pcs</div> <div>RFQ</div>   | <div></div> <div><b>LX15531M</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK/BOOST 8DIP<br/>In stock: 3158 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>LX15521DM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 5303 pcs</div> <div>RFQ</div>     | <div></div> <div><b>LX1553CDM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK/BOOST 8SOIC<br/>In stock: 7037 pcs</div> <div>RFQ</div>   |