

LX1555MY



Part Number: [LX1555MY](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR BUCK/BOOST 8DIP

Data sheet:  [LX1552,LX1553,LX1554,LX1555](#)

RoHs Status: Lead free / RoHS Compliant

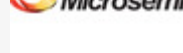
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy LX1555MY with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | LX1555MY                                  | Manufacturer                   | <a href="#">Microsemi</a>                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG CTRLR BUCK/BOOST 8DIP              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 4906 pcs                                  | Data sheet                     | <a href="#">LX1552</a> <a href="#">LX1553</a> <a href="#">LX1554</a> <a href="#">LX1555</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 7.6 V ~ 30 V                                                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                | Buck, Boost                               | Synchronous Rectifier          | Yes                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-CDIP                                    | Series                         | -                                                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Packaging                      | Tube                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-CDIP (0.300", 7.62mm)                   | Output Type                    | Transistor Driver                                                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                         | Output Configuration           | Positive                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                   | -55°C ~ 125°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)                                                                                                                                                                                                                                                                                                                                                                                                                        | 48%                                       | Detailed Description           | Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 8-CDIP         |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                        | Frequency Control                         | Clock Sync                     | No                                                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | LX155*                                    |                                |                                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4906 pieces of Microsemi LX1555MY in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                             |

| RELATED PRODUCTS                                                                   |                                                                                  |                                          |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------|----------------|
|  | Part#: <a href="#">LX1555IDM</a><br>Description: IC REG CTRLR BUCK/BOOST 8SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1555CD</a><br>Description: IC REG CTRLR BUCK/BOOST 14SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1555IM</a><br>Description: IC REG CTRLR BUCK/BOOST 8DIP     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1571CDM</a><br>Description: IC SECONDARY SIDE CTRLR 8SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1570CDM</a><br>Description: IC SECONDARY SIDE CTRLR 8SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1570CM</a><br>Description: IC SECONDARY SIDE CTRLR 8DIP     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1570IM</a><br>Description: IC SECONDARY SIDE CTRLR 8DIP     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1555ID</a><br>Description: IC REG CTRLR BUCK/BOOST 14SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1570IDM</a><br>Description: IC SECONDARY SIDE CTRLR 8SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1562IM</a><br>Description: IC PFC CONTROLLER 8DIP           | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1555CPW</a><br>Description: IC REG CTRLR BUCK/BOOST 20TSSOP | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554IDM</a><br>Description: IC REG CTRLR PWM CM 8SOIC       | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1563IDM</a><br>Description: IC CONTROLLER PFC 9.8V 8SOIC    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1555CM</a><br>Description: IC REG CTRLR BUCK/BOOST 8DIP     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1563IM</a><br>Description: IC CONTROLLER PFC 9.8V 8DIP      | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554MY</a><br>Description: IC REG CTRLR PWM CM 8-DIP        | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1555CDM</a><br>Description: IC REG CTRLR BUCK/BOOST 8SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1570MY</a><br>Description: IC SECONDARY SIDE CTRLR 8DIP     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554IM</a><br>Description: IC REG CTRLR PWM CM 8-DIP        | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1562IDM</a><br>Description: IC CONTROLLER PFC 13.1V 8SOIC   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

| Related keywords for LX1555MY         |                                              |                                           |                                          |
|---------------------------------------|----------------------------------------------|-------------------------------------------|------------------------------------------|
| Microsemi LX1555MY                    | LX1555MY distributor                         | LX1555MY supplier                         | LX1555MY price                           |
| LX1555MY download datasheet           | LX1555MY datasheet                           | LX1555MY stock                            | buy LX1555MY                             |
| Microsemi LX1555MY                    | Microsemi Analog Mixed Signal Group LX1555MY | Microsemi Analog Mixed Signal Group [MIL] | Microsemi Consumer Medical Product Group |
|                                       |                                              | LX1555MY                                  | LX1555MY                                 |
| Microsemi HI-REL [MIL] LX1555MY       | Microsemi Power Management Group LX1555MY    | Microsemi Power Products Group LX1555MY   | Microsemi SoC LX1555MY                   |
| Microsemi Commercial Components Group | Microsemi Corporation LX1555MY               | Microsemi Solutions Sdn Bhd. LX1555MY     |                                          |
| LX1555MY                              |                                              |                                           |                                          |



