

LX1553CPW



Part Number: [LX1553CPW](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR BUCK/BOOST 20TSSOP

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

RoHs Status: Lead free / RoHS Compliant

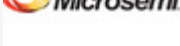
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | LX1553CPW                                 | Manufacturer                   | <a href="#">Microsemi</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG CTRLR BUCK/BOOST 20TSSOP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 4582 pcs                                  | Data sheet                     | <a href="#">LX1552,LX1553,LX1554,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                                                                                                                                                                                                                                                                                                                                                                                                                  | 20-TSSOP                                  | Series                         | -                                                                                     |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Packaging                      | Tube                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 20-TSSOP (0.173", 4.40mm 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 20-TSSOP |
| 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 4582 pieces of Microsemi LX1553CPW 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="#">LX1554IDM</a><br>Description: IC REG CTRLR PWM CM 8SOIC     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1552IDM</a><br>Description: IC REG CTRLR PWM CM 8SOIC     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554ID</a><br>Description: IC REG CTRLR PWM CM 14-SOIC    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554CM</a><br>Description: IC REG CTRLR PWM CM 8-DIP      | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1553ID</a><br>Description: IC REG CTRLR BUCK/BOOST 14SOIC | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554CPW</a><br>Description: IC REG CTRLR PWM CM 20-TSSOP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LX1553MY</a><br>Description: IC REG CTRLR BUCK/BOOST 8DIP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1552IM</a><br>Description: IC REG CTRLR PWM CM 8-DIP      | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1552ID</a><br>Description: IC REG CTRLR PWM CM 14-SOIC    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554CDM</a><br>Description: IC REG CTRLR PWM CM 8SOIC     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1554CD</a><br>Description: IC REG CTRLR PWM CM 14-SOIC    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1553CDM</a><br>Description: IC REG CTRLR BUCK/BOOST 8SOIC | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LX1553CD</a><br>Description: IC REG CTRLR BUCK/BOOST 14SOIC | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1552MY</a><br>Description: IC REG CTRLR PWM CM 8-DIP      | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LX1553IM</a><br>Description: IC REG CTRLR BUCK/BOOST 8DIP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

Related keywords for LX1553CPW

|                                       |                                               |                                           |                                          |
|---------------------------------------|-----------------------------------------------|-------------------------------------------|------------------------------------------|
| Microsemi LX1553CPW                   | LX1553CPW distributor                         | LX1553CPW supplier                        | LX1553CPW price                          |
| LX1553CPW download datasheet          | LX1553CPW datasheet                           | LX1553CPW stock                           | buy LX1553CPW                            |
| Microsemi LX1553CPW                   | Microsemi Analog Mixed Signal Group LX1553CPW | Microsemi Analog Mixed Signal Group [MIL] | Microsemi Consumer Medical Product Group |
|                                       |                                               | LX1553CPW                                 | LX1553CPW                                |
| Microsemi HI-REL [MIL] LX1553CPW      | Microsemi Power Management Group LX1553CPW    | Microsemi Power Products Group LX1553CPW  | Microsemi SoC LX1553CPW                  |
| Microsemi Commercial Components Group | Microsemi Corporation LX1553CPW               | Microsemi Solutions Sdn Bhd. LX1553CPW    |                                          |
| LX1553CPW                             |                                               |                                           |                                          |

