

LX1553CDM



Part Number: [LX1553CDM](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR BUCK/BOOST 8SOIC

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

RoHs Status: Lead free / RoHS Compliant

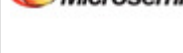
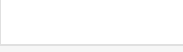
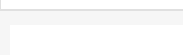
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	LX1553CDM	Manufacturer	Microsemi
Description	IC REG CTRLR BUCK/BOOST 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4256 pcs	Data sheet	LX1552,LX1553,LX1554,LX1555
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7.6 V ~ 30 V
Topology	Buck, Boost	Synchronous Rectifier	Yes
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-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 8-SOIC
Control Features	Frequency Control	Clock Sync	No
Base Part Number	LX155*		
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	Part#: LX1552CDM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX13043CLD Description: IC REG LIN 3.3V 1A MO229	Manufacturers: Microsemi	RFQ
	Part#: LX1552IDM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1552CPW Description: IC REG CTRLR PWM CM 20-TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1552ID Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1554CDM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1552CM Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Microsemi	RFQ
	Part#: LX1552MY Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Microsemi	RFQ
	Part#: LX1553IM Description: IC REG CTRLR BUCK/BOOST 8DIP	Manufacturers: Microsemi	RFQ
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	Part#: LX1553CM Description: IC REG CTRLR BUCK/BOOST 8DIP	Manufacturers: Microsemi	RFQ
	Part#: LX1552IM Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Microsemi	RFQ
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