

LX1553IM



Part Number: [LX1553IM](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR BUCK/BOOST 8DIP

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

RoHs Status: Lead free / RoHS Compliant

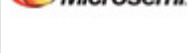
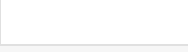
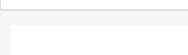
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	LX1553IM	Manufacturer	Microsemi
Description	IC REG CTRLR BUCK/BOOST 8DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4813 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-DIP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-DIP (0.300", 7.62mm)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°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-DIP
Control Features	Frequency Control	Clock Sync	No
Base Part Number	LX155*		
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	Part#: LX1553CDM Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1553IDM Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1554CD Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1552MY Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Microsemi	RFQ
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	Part#: LX1552IM Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Microsemi	RFQ
	Part#: LX1554CDM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1554ID Description: IC REG CTRLR PWM CM 14-SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1555CD Description: IC REG CTRLR BUCK/BOOST 14SOIC	Manufacturers: Microsemi	RFQ
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	Part#: LX1552IDM Description: IC REG CTRLR PWM CM 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1553CM Description: IC REG CTRLR BUCK/BOOST 8DIP	Manufacturers: Microsemi	RFQ
	Part#: LX1553CD Description: IC REG CTRLR BUCK/BOOST 14SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1554IM Description: IC REG CTRLR PWM CM 8-DIP	Manufacturers: Microsemi	RFQ
	Part#: LX1553ID Description: IC REG CTRLR BUCK/BOOST 14SOIC	Manufacturers: Microsemi	RFQ

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