

LX1682IDM



Part Number: [LX1682IDM](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR BUCK 8SOIC

Data sheet:  [LX1681-82](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	LX1682IDM	Manufacturer	Microsemi
Description	IC REG CTRLR BUCK 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5047 pcs	Data sheet	LX1681-82
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	5V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	-
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-Down	Frequency - Switching	190kHz
Duty Cycle (Max)	-	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-SOIC
Control Features	Current Limit, Soft Start	Clock Sync	No
Base Part Number	LX1682		
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	Part#: LX1682CDM Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1676CPW Description: IC CTRLR PS VRM BIPHASE 38TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1691PW Description: IC CTRL CCFL BACKLIGHT 16-TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1688CPW Description: IC CTRLR CCFL BACKLIGHT 24TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1677CPW Description: IC CTRLR VRM PS 2PHASE 38TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1675ILQ-TR Description: IC REG QUAD BUCK 38MLPQ	Manufacturers: Microsemi	RFQ
	Part#: LX1689IPW Description: IC CTRL CCFL BACKLIGHT 20-TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1676 EVAL KIT Description: KIT EVAL FOR SWITCHING REGULATOR	Manufacturers: Microsemi	RFQ
	Part#: LX1691BIPW-TR Description: IC CTRL CCFL BACKLIGHT 16-TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1681CDM Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1688IPW Description: IC CTRLR CCFL BACKLIGHT 24TSSOP	Manufacturers: Microsemi	RFQ
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	Part#: LX1691AIPW Description: IC CTRL CCFL BACKLIGHT 16-TSSOP	Manufacturers: Microsemi	RFQ
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	Part#: LX1677CLQ Description: IC CTRLR VRM PS 2PHASE 38MLPQ	Manufacturers: Microsemi	RFQ
	Part#: LX1681IDM Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Microsemi	RFQ
	Part#: LX1686ECPW Description: IC CTRLR CCFL BACKLIGHT 24TSSOP	Manufacturers: Microsemi	RFQ
	Part#: LX1677 EVAL KIT Description: KIT EVAL FOR SWITCHING REGULATOR	Manufacturers: Microsemi	RFQ

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