



Microsemi

Analog Mixed Signal Group

PROCESS/PRODUCT CHANGE NOTIFICATION

SUBJECT:

Microsemi Analog Mixed Signal Group announces the End of Life (EOL) for the family of Programmable References, LX6431, LX6431A and LX6431B

P.C.N. NO.: 195

DATE: 4/23/2012

TO:

All Active Customers during last 2 years for LX6431

MICROSEMI INTENDS TO MAKE A CHANGE IN OUR PRODUCT AVAILABILITY AND SEEKS YOUR

APPROVAL

ACKNOWLEDGEMENT OF THE PCN.

DESCRIPTION OF CHANGE

End of Life (EOL) notification for the device types listed below:

T _A (°C)	Initial Tolerance	PK Plastic TO-89 3-Pin	DM Plastic SOIC 8-Pin	LP Plastic TO-92 3-Pin
		RoHS Compliant / Pb-free Transition D/C: 0518	RoHS Compliant / Pb-free Transition D/C: 0440	RoHS Compliant / Pb-free Transition D/C: 0509
0 to 70	2%	LX6431CPK	LX6431CDM	LX6431CLP
	1%	LX6431ACPK	LX6431ACDM	LX6431ACL
	0.4%	LX6431BCPK	LX6431BCDM	LX6431BCLP
-40 to 85	2%	LX6431IPK	LX6431IDM	LX6431ILP
	1%	LX6431AIPK	LX6431AIDM	LX6431AILP
	0.4%	LX6431BIPK	LX6431BIDM	LX6431BILP

JUSTIFICATION

This device family is being discontinued for the following reasons:

- 1) The tooling and equipment required for the assembly of the TO-89 (PK) package and the TO-92 (LP) packages have been de-commissioned and are no longer available.
- 2) The sales volume for any of the LX6431 Precision Programmable References has been very low or non-existent over the last two years.

TL431 Programmable References or Shunt Regulators are possible replacement devices which may be available from the following sources: SGS Thompson, On Semi, Motorola, TI or Philips.

IMPLEMENTATION DATE:

Last Time Buy: There are finished goods inventory for the LX6431 family of devices available. Consult MSC-AMSG Sales to order.

Last Shipment: No shipments are scheduled after existing finished goods inventory is exhausted.

MICROSEMI CONTACT PERSON:

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PLEASE ACKNOWLEDGE OR APPROVE AS APPLICABLE AND RETURN TO:

MICROSEMI ANALOG MIXED SIGNAL GROUP - DOCUMENT CONTROL

11861 WESTERN AVE.

GARDEN GROVE, CA 92841-2119 USA

TEL: (011) 714-898-8112 FAX: (011) 714-893-2570

EMAIL: msc.ipg.doc.control@microsemi.com

CUSTOMER

APPROVAL

ACKNOWLEDGEMENT

REMARKS:

_____ (NAME)

_____ (TITLE)

_____ (DATE)

(CUSTOMERS) ARE REQUIRED TO RESPOND TO MSC-IP AS PER FOLLOWING TIMELINE TO SUPPORT THE P.C.N. FOR

APPROVAL - (WITHIN 30 CALENDAR DAYS OR DELAYS IN SHIPMENT MAY OCCUR)

ACKNOWLEDGEMENT - (WITHIN 7 CALENDAR DAYS)

NOTE: FOR ACKNOWLEDGEMENT ONLY, WHEN NO RESPONSE IS RECEIVED, CHANGE WILL BECOME EFFECTIVE ON PROPOSED DATE.