

## PROCESS/PRODUCT CHANGE NOTIFICATION

Analog Mixed Signal Group

**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

<u>TO:</u>

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 <sub>A</sub> (°C)	Initial	PK Plastic TO-89 3-Pin	DM Plastic SOIC 8-Pin	LP Plastic TO-92 3-Pin
IA(C)	Tolerance	RoHS Compliant / Pb-free Transition D/C: 0518	RoHS Compliant / Pb-free Transition D/C: 0440	RoHS Compliant / Pb-free Transition D/C: 0509
	2%	LX6431CPK	LX6431CDM	LX6431CLP
0.4- 70				
0 to 70	1%	LX6431ACPK	LX6431ACDM	LX6431ACLP
	0.4%	LX6431BCPK	K LX6431BCDM LX6431BC	LX6431BCLP
	2%	LX6431IPK	LX6431IDM	LX6431ILP
-40 to 85	1%	LX6431AIPK	1AIPK LX6431AIDM LX64	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 LX6431family of devices available.

Consult MSC-AMSG Sales to order.

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

exhausted.

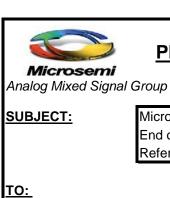
MICROSEMI CONTACT PERSON: JAMES HOWELL

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References, LX6431, LX6431A and LX6431B	
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All Active Customers during last 2 years for LX6431

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) 714-898-812 FAX: (011) 714-893-2570 EMAIL: <u>msc.ipg.doc.control@microsemi.com</u>

CUSTOMER APPROVAL ACKNOWLEDGEMENT  EMARKS:				
(NAME)	(TITLE)	(DATE)		
. FOR  APPROVAL - (WITHIN 30 CALEN  ACKNOWLEDGEMENT - (WITHI	SPOND TO MSC-IP AS PER FOLLOWING  NDAR DAYS OR DELAYS IN SHIPMENT I  N 7 CALENDAR DAYS)  PRESPONSE IS RECEIVED, CHANGE WILL BECOME EFFECTIVE OF	MAY OCCUR)		

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