



*Linear Integrated Systems*

# LS830-LS833 Series Ordering and Part Marking Information

6/12/09

SUBJECT: LS830-LS833 Series Ordering and Part Marking Information

The LS830-LS833 Series Dual N-Channel JFET Amplifiers are offered in a TO-71, 6 lead package and includes the following part numbers: **LS830, LS831, LS832, LS833**

The LS830-LS833 Series Dual N-Channel JFET Amplifiers are offered in a TO-78, 6 lead package and includes the following part numbers: **LS830, LS831, LS832, LS833**

The LS830-LS833 Series Dual N-Channel JFET Amplifiers are offered in a PDIP, 8 lead package and includes the following part numbers: **LS830, LS831, LS832, LS833**

The LS830-LS833 Series Dual N-Channel JFET Amplifiers are offered in a SOIC, 8 lead package and includes the following part numbers: **LS830, LS831, LS832, LS833**

## Ordering Information:

Parts are available with ROHS Compliant/Leadfree package versions as well as package versions that contain lead.

Parts are available tested to the Standard Datasheet limits and conditions, as well and Special limits and conditions provided by the customer. When ordering your part please be aware of the 4 options you have:

- LS830 TO-71 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS830 TO-71 6L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS830 TO-78 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS830 TO-78 6L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS830 PDIP 8L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.
- LS830 PDIP 8L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

- LS830 PDIP 8L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS830 PDIP 8L-ROHS-Select**--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”
- LS830 SOIC 8L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.
- LS830 SOIC 8L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS830 SOIC 8L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS830 SOIC 8L-ROHS-Select**--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS

**Important Part Marking Information:**

In the event you are ordering multiple versions of the LS830-LS833 series it is very important that you **keep both groups of parts separate from each other and do not mix.** Each container/reel/bag of parts is labeled with the complete part number you have ordered. **The parts are NOT marked with the complete part number. The parts are marked with the SAME part number, and can be easily mixed with the wrong part number in the event proper inventory control procedures are not followed at customer level.** As a result of our manufacturing flow, the entire wafer may contain more than one part number per wafer. The entire wafer is tested to the all of the LS830-LS833 limits. The wafer is sent out for assembly where the parts are marked prior to test. At test, the parts are separated into the individual part numbers then labeled and placed into inventory. Due to the space restrictions on the number of digits we can print on the two different package types, and our inability to remark the part after test limit our ability mark individual or complete part numbers.

**Device Marking Prior to Date Code 0900:**

Prior to date code 0900, there were different devices marking which may have been used. We now are standardizing our part marking avoid confusion at the customer level. All of the part marking that is listed in this document represents how the devices will be marked in the future. Any different marking represents old/past part marking which has been replace with the part marking as listed below.

LIS Part Number	Package	LIS Part Number	Part Marking
LS830	TO-71 6L	LS830 TO-71 6L RoHS	LS 830
		LS830 TO-71 6L RoHS SELECT	LS 830
LS831	TO-71 6L	LS831 TO-71 6L RoHS	LS 831
		LS831 TO-71 6L RoHS SELECT	LS 831
LS832	TO-71 6L	LS832 TO-71 6L RoHS	LS 832
		LS832 TO-71 6L RoHS SELECT	LS 832
LS833	TO-71 6L	LS833 TO-71 6L RoHS	LS 833

		LS833 TO-71 6L RoHS SELECT	LS 833
LS830	TO-78 6L	LS830 TO-78 6L RoHS LS830 TO-78 6L RoHS SELECT	LS 830 LS 830
LS831	TO-78 6L	LS831 TO-78 6L RoHS LS831 TO-78 6L RoHS SELECT	LS 831 LS 831
LS832	TO-78 6L	LS832 TO-78 6L RoHS LS832 TO-78 6L RoHS SELECT	LS 832 LS 832
LS833	TO-78 6L	LS833 TO-78 6L RoHS LS833 TO-78 6L RoHS SELECT	LS 833 LS 833
LS830	PDIP 8L	LS830 PDIP 8L LS830 PDIP 8L SELECT LS830 PDIP 8L RoHS LS830 PDIP 8L RoHS SELECT	LS 83 or LS 83F LS 83 or LS 83F LS 83F LS 83F
LS831	PDIP 8L	LS831 PDIP 8L LS831 PDIP 8L SELECT LS831 PDIP 8L RoHS LS831 PDIP 8L RoHS SELECT	LS 83 or LS 83F LS 83 or LS 83F LS 83F LS 83F
LS832	PDIP 8L	LS832 PDIP 8L LS832 PDIP 8L SELECT LS832 PDIP 8L RoHS LS832 PDIP 8L RoHS SELECT	LS 83 or LS 83F LS 83 or LS 83F LS 83F LS 83F
LS833	PDIP 8L	LS833 PDIP 8L LS833 PDIP 8L SELECT LS833 PDIP 8L RoHS LS833 PDIP 8L RoHS SELECT	LS 83 or LS 83F LS 83 or LS 83F LS 83F LS 83F
LS830	SOIC 8L	LS830 SOIC 8L LS830 SOIC 8L SELECT LS830 SOIC 8L RoHS LS830 SOIC 8L RoHS SELECT	LS 83 or LS 83F LS 83 or LS 83F LS 83F LS 83F
LS831	PDIP 8L	LS831 SOIC 8L LS831 SOIC 8L SELECT LS831 SOIC 8L RoHS LS831 SOIC 8L RoHS SELECT	LS 83 or LS 83F LS 83 or LS 83F LS 83F LS 83F
LS832	PDIP 8L	LS832 SOIC 8L LS832 SOIC 8L SELECT LS832 SOIC 8L RoHS	LS 83 or LS 83F LS 83 or LS 83F LS 83F

		LS832 SOIC 8L RoHS SELECT	LS 83F
LS833	PDIP 8L	LS833 PDIP 8L	LS 83 or LS 83F
		LS833 PDIP 8L SELECT	LS 83 or LS 83F
		LS833 PDIP 8L RoHS	LS 83F
		LS833 PDIP 8L RoHS SELECT	LS 83F