



*Linear Integrated Systems*

# LS840-LS842 Series Ordering and Part Marking Information

6/12/09

SUBJECT: LS840-LS842 Series Ordering and Part Marking Information

The LS840-LS842 Series Dual N-Channel JFET Amplifiers are offered in a TO-71, 6 lead package and includes the following part numbers: **LS840, LS841, LS842**

The LS840-LS842 Series Dual N-Channel JFET Amplifiers are offered in a TO-78, 6 lead package and includes the following part numbers: **LS840, LS841, LS842**

The LS840-LS842 Series Dual N-Channel JFET Amplifiers are offered in a PDIP, 8 lead package and includes the following part numbers: **LS840, LS841, LS842**

The LS840-LS842 Series Dual N-Channel JFET Amplifiers are offered in a SOIC, 8 lead package and includes the following part numbers: **LS840, LS841, LS842**

## 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:

**LS840 TO-71 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

**LS840 TO-71 6L-ROHS-Select**--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

**LS840 TO-78 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

**LS840 TO-78 6L-ROHS-Select**--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

**LS840 PDIP 8L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

**LS840 PDIP 8L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

- LS840 PDIP 8L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS840 PDIP 8L-ROHS-Select**---Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”
- LS840 SOIC 8L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.
- LS840 SOIC 8L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS840 SOIC 8L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS840 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 LS840-LS842 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 LS840-LS842 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
LS840	TO-71 6L	LS840 TO-71 6L RoHS	LS 840
		LS840 TO-71 6L RoHS SELECT	LS 840
LS841	TO-71 6L	LS841 TO-71 6L RoHS	LS 841
		LS841 TO-71 6L RoHS SELECT	LS 841
LS842	TO-71 6L	LS842 TO-71 6L RoHS	LS 842
		LS842 TO-71 6L RoHS SELECT	LS 842
LS840	TO-71 6L	LS840 TO-71 6L RoHS	LS 840
		LS840 TO-71 6L RoHS SELECT	LS 840

LS841	TO-78 6L	LS841 TO-78 6L RoHS LS841 TO-78 6L RoHS SELECT	LS 841 LS 841
LS842	TO-78 6L	LS842 TO-78 6L RoHS LS842 TO-78 6L RoHS SELECT	LS 842 LS 842
LS840	PDIP 8L	LS840 PDIP 8L LS840 PDIP 8L SELECT LS840 PDIP 8L RoHS LS840 PDIP 8L RoHS SELECT	LS 84 or LS 84F LS 84 or LS 84F LS 84F LS 84F
LS841	PDIP 8L	LS841 PDIP 8L LS841 PDIP 8L SELECT LS841 PDIP 8L RoHS LS841 PDIP 8L RoHS SELECT	LS 84 or LS 84F LS 84 or LS 84F LS 84F LS 84F
LS842	PDIP 8L	LS842 PDIP 8L LS842 PDIP 8L SELECT LS842 PDIP 8L RoHS LS842 PDIP 8L RoHS SELECT	LS 84 or LS 84F LS 84 or LS 84F LS 84F LS 84F
LS840	SOIC 8L	LS840 SOIC 8L LS840 SOIC 8L SELECT LS840 SOIC 8L RoHS LS840 SOIC 8L RoHS SELECT	LS 84 or LS 84F LS 84 or LS 84F LS 84F LS 84F
LS841	SOIC 8L	LS841 SOIC 8L LS841 SOIC 8L SELECT LS841 SOIC 8L RoHS LS841 SOIC 8L RoHS SELECT	LS 84 or LS 84F LS 84 or LS 84F LS 84F LS 84F
LS842	SOIC 8L	LS842 SOIC 8L LS842 SOIC 8L SELECT LS842 SOIC 8L RoHS LS842 SOIC 8L RoHS SELECT	LS 84 or LS 84F LS 84 or LS 84F LS 84F LS 84F