



Linear Integrated Systems

LS421/U421 Series Ordering and Part Marking Information

5/21/09

SUBJECT: LS421 Series Ordering and Part Marking Information

The LS421/U421 Series Dual N-Channel JFET Amplifiers are offered in a TO-78, 7 lead package and includes the following part numbers: **U421, U422, U423, U424, U425, U426**

The LS421/U421 Series Dual N-Channel JFET Amplifiers are offered in a TO-71, 6 lead package and includes the following part numbers: **LS421, LS422, LS423, LS424, LS425, LS426**

The LS421/U421 Series Dual N-Channel JFET Amplifiers are offered in a PDIP, 8 lead package and includes the following part numbers: **LS421, LS422, LS423, LS424, LS425, LS426**

The LS421/U421 Series Dual N-Channel JFET Amplifiers are offered in a SOIC, 8 lead package and includes the following part numbers: **LS421, LS422, LS423, LS424, LS425, LS426**

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:

LS421 TO-71 6L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

LS421 TO-71 6L-ROHS-Select--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

U421 TO-78 7L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

U421 TO-78 7L-ROHS-Select---Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

LS421 PDIP 8L-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.

LS421 PDIP 8L -Select-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.

LS421 PDIP 8L ROHS -----	Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
LS421 PDIP 8L-ROHS-Select ---	Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”
LS421 SOIC 8L -----	Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.
LS421 SOIC 8L -Select -----	Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
LS421 SOIC 8L ROHS -----	Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
LS421 SOIC 8L-ROHS-Select --	Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”

Important Part Marking Information:

In the event you are ordering multiple versions of the LS421/U421 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 LS421/U421 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.

Vishay/Siliconix Part Number	Package	LIS Part Number	Part Marking
Not offered in this package TO-71 6L		LS421 TO-71 6L RoHS	LS 42
		LS421 TO-71 6L RoHS SELECT	LS 42
Not offered in this package TO-71 6L		LS422 TO-71 6L RoHS	LS 42
		LS422 TO-71 6L RoHS SELECT	LS 42
Not offered in this package TO-71 6L		LS423 TO-71 6L RoHS	LS 42
		LS423 TO-71 6L RoHS SELECT	LS 42
Not offered in this package TO-71 6L		LS424 TO-71 6L RoHS	LS 42
		LS424 TO-71 6L RoHS SELECT	LS 42

Not offered in this package TO-71 6L		LS425 TO-71 6L RoHS LS425 TO-71 6L RoHS SELECT	LS 42 LS 42
Not offered in this package TO-71 6L		LS426 TO-71 6L RoHS LS426 TO-71 6L RoHS SELECT	LS 42 LS 42
U421	TO-78 7L	U421 TO-78 7L RoHS U421 TO-78 7L RoHS SELECT	LS 42 LS 42
U422	TO-78 7L	U422 TO-78 7L RoHS U422 TO-78 7L RoHS SELECT	LS 42 LS 42
U423	TO-78 7L	U423 TO-78 7L RoHS U423 TO-78 7L RoHS SELECT	LS 42 LS 42
U424	TO-78 7L	U424 TO-78 7L RoHS U424 TO-78 7L RoHS SELECT	LS 42 LS 42
U425	TO-78 7L	U425 TO-78 7L RoHS U425 TO-78 7L RoHS SELECT	LS 42 LS 42
U426	TO-78 7L	U426 TO-78 7L RoHS U426 TO-71 6L RoHS SELECT	LS 42 LS 42
Not offered in this package PDIP 8L		LS421 PDIP 8L LS421 PDIP 8L SELECT LS421 PDIP 8L RoHS LS421 PDIP 8L RoHS SELECT	LS 42 or LS 42F LS 44 or LS 44F LS 42F LS 42F
Not offered in this package PDIP 8L		LS422 PDIP 8L LS422 PDIP 8L SELECT LS422 PDIP 8L RoHS LS422 PDIP 8L RoHS SELECT	LS 42 or LS 42F LS 44 or LS 44F LS 42F LS 42F
Not offered in this package PDIP 8L		LS423 PDIP 8L LS423 PDIP 8L SELECT LS423 PDIP 8L RoHS LS423 PDIP 8L RoHS SELECT	LS 42 or LS 42F LS 44 or LS 44F LS 42F LS 42F
Not offered in this package PDIP 8L		LS424 PDIP 8L LS424 PDIP 8L SELECT LS424 PDIP 8L RoHS LS424 PDIP 8L RoHS SELECT	LS 42 or LS 42F LS 44 or LS 44F LS 42F LS 42F
Not offered in this package PDIP 8L		LS425 PDIP 8L LS425 PDIP 8L SELECT LS425 PDIP 8L RoHS LS425 PDIP 8L RoHS SELECT	LS 42 or LS 42F LS 44 or LS 44F LS 42F LS 42F
Not offered in this package PDIP 8L		LS426 PDIP 8L LS426 PDIP 8L SELECT	LS 42 or LS 42F LS 44 or LS 44F

	LS426 PDIP 8L RoHS	LS 42F
	LS426 PDIP 8L RoHS SELECT	LS 42F
Not offered in this package SOIC 8L	LS421 SOIC 8L	LS 42 or LS 42F
	LS421 SOIC 8L SELECT	LS 44 or LS 44F
	LS421 SOIC 8L RoHS	LS 42F
	LS421 SOIC 8L RoHS SELECT	LS 42F
Not offered in this package SOIC 8L	LS422 SOIC 8L	LS 42 or LS 42F
	LS422 SOIC 8L SELECT	LS 44 or LS 44F
	LS422 SOIC 8L RoHS	LS 42F
	LS422 SOIC 8L RoHS SELECT	LS 42F
Not offered in this package SOIC 8L	LS423 SOIC 8L	LS 42 or LS 42F
	LS423 SOIC 8L SELECT	LS 44 or LS 44F
	LS423 SOIC 8L RoHS	LS 42F
	LS423 SOIC 8L RoHS SELECT	LS 42F
Not offered in this package SOIC 8L	LS424 SOIC 8L	LS 42 or LS 42F
	LS424 SOIC 8L SELECT	LS 44 or LS 44F
	LS424 SOIC 8L RoHS	LS 42F
	LS424 SOIC 8L RoHS SELECT	LS 42F
Not offered in this package SOIC 8L	LS425 SOIC 8L	LS 42 or LS 42F
	LS425 SOIC 8L SELECT	LS 44 or LS 44F
	LS425 SOIC 8L RoHS	LS 42F
	LS425 SOIC 8L RoHS SELECT	LS 42F
Not offered in this package SOIC 8L	LS426 SOIC 8L	LS 42 or LS 42F
	LS426 SOIC 8L SELECT	LS 44 or LS 44F
	LS426 SOIC 8L RoHS	LS 42F
	LS426 SOIC 8L RoHS SELECT	LS 42F