



Linear Integrated Systems

2N4416/PN4416/SST4416 Series Ordering and Part Marking Information

5/20/09

SUBJECT: 2N4416/PN4416/SST4416 Series Ordering and Part Marking Information

The PN4416 Series Single N-Channel JFET Amplifiers are offered in a TO-92, 3 lead package and includes the following part numbers: **PN4416, PN4416A**

The 2N4416 Series Single N-Channel JFET Amplifiers are offered in a TO-72, 4 lead package and includes the following part numbers: **2N4416, 2N4416A**

The SST4416 Series Single N-Channel JFET Amplifiers are offered in a SOT23, 3 lead package and includes the following part numbers: **SST4416, SST4416A**

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:

- PN4416 TO-92 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- PN4416 TO-92 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- PN4416 TO-92 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- PN4416 TO-92 3L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- 2N4416 TO-72 4L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- 2N4416 TO-72 4L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"

- SST4416 SOT23 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.
- SST4416 SOT23 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- SST4416 SOT23 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- SST4416 SOT23 3L -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 PN4416/2N4416/SST4416 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 LS4416/2N4416 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
PN4416	TO-92 3L	PN4416 TO-92 3L	LS 44 or LS 44F
		PN4416 TO-92 3L SELECT	LS 44 or LS 44F
		PN4416 TO-92 3L RoHS	LS 44F
		PN4416 TO-92 3L RoHS SELECT	LS 44F
PN4416A	TO-92 3L	PN4392 TO-92 3L	LS 44 or LS 44F
		PN4392 TO-92 3L SELECT	LS 44 or LS 44F
		PN4392 TO-92 3L RoHS	LS 44F
		PN4392 TO-92 3L RoHS SELECT	LS 44F

2N4416	TO-72 4L	2N4416 TO-72 4L RoHS	LS 4416
		2N4416 TO-72 4L RoHS SELECT	LS 4416
2N4416A	TO-72 4L	2N4416A TO-72 4L RoHS	LS 4416A
		2N4416A TO-72 4L RoHS SELECT	LS 4416A
SST4416	SOT-23 3L	SST4416 SOT-23 3L	44 or 44F
		SST4416 SOT-23 3L SELECT	44 or 44F
		SST4416 SOT-23 3L RoHS	44F
		SST4416 SOT-23 3L RoHS SELECT	44F
SST4416A	SOT-23 3L	SST4416A SOT-23 3L	44 or 44F
		SST4416A SOT-23 3L SELECT	44 or 44F
		SST4416A SOT-23 3L RoHS	44F
		SST4416A SOT-23 3L RoHS SELECT	44F