



Linear Integrated Systems

2N5114/LS5114 Series Ordering and Part Marking Information

5/20/09

SUBJECT: 2N5114/LS5114 Series Ordering and Part Marking Information

The LS5114 Series Single P-Channel JFET Switches are offered in a TO-92, 3 lead package and includes the following part numbers: **LS5114, LS5115, LS5116**

The 2N5114 Series Single P-Channel JFET Switches are offered in a TO-18, 3 lead package and includes the following part numbers: **2N5114, 2N5115, 2N5116**

The LS5114 Series Single P-Channel JFET Switches are offered in a SOT23, 3 lead package and includes the following part numbers: **LS5114, LS5115, LS5116**

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:

- LS5114 TO-92 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS5114 TO-92 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS5114 TO-92 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- LS5114 TO-92 3L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- 2N5114 TO-18 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- 2N5114 TO-18 3L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS5114 SOT23 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.

- LS5114 SOT23 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or leadfree /ROHS Compliant package not specified.
- LS5114 SOT23 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS5114 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 LS5114/2N5114 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 LS5114/2N5114 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 9001, 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-92 3L		LS5114 TO-92 3L	LS 51 or LS 51F
		LS5114 TO-92 3L SELECT	LS 51 or LS 51F
		LS5114 TO-92 3L RoHS	LS 51F
		LS5114 TO-92 3L RoHS SELECT	LS 51F
Not offered in this package TO-92 3L		LS5115 TO-92 3L	LS 51 or LS 51F
		LS5115 TO-92 3L SELECT	LS 51 or LS 51F
		LS5115 TO-92 3L RoHS	LS 51F
		LS5115 TO-92 3L RoHS SELECT	LS 51F
Not offered in this package TO-92 3L		LS5116 TO-92 3L	LS 51 or LS 51F
		LS5116 TO-92 3L SELECT	LS 51 or LS 51F
		LS5116 TO-92 3L RoHS	LS 51F

		LS5116 TO-92 3L RoHS SELECT	LS 51F
2N5114	TO-18 3L	2N5114 TO-18 3L RoHS 2N5114 TO-18 3L RoHS SELECT	LS 511 LS 511
2N5115	TO-18 3L	2N5115 TO-18 3L RoHS 2N5115 TO-18 3L RoHS SELECT	LS 511 LS 511
2N5116	TO-18 3L	2N5116 TO-18 3L RoHS 2N5116 TO-18 3L RoHS SELECT	LS 511 LS 511
Not offered in this package	SOT-23 3L	LS5114 SOT-23 3L LS5114 SOT-23 3L SELECT LS5114 SOT-23 3L RoHS LS5114 SOT-23 3L RoHS SELECT	51 or 51F 51 or 51F 51F 51F
Not offered in this package	SOT-23 3L	LS5115 SOT-23 3L LS5115 SOT-23 3L SELECT LS5115 SOT-23 3L RoHS LS5115 SOT-23 3L RoHS SELECT	51 or 51F 51 or 51F 51F 51F
Not offered in this package	SOT-23 3L	LS5116 SOT-23 3L LS5116 SOT-23 3L SELECT LS5116 SOT-23 3L RoHS LS5116 SOT-23 3L RoHS SELECT	51 or 51F 51 or 51F 51F 51F