



Linear Integrated Systems

# J174/SST174 Series Ordering and Part Marking Information

5/18/09

SUBJECT: J174/SST174 Series Ordering and Part Marking Information

The J111 Series Single P-Channel JFET Switches are offered in a TO-92, 3 lead package and includes the following part numbers: **J174, J175, J176, J177**

The SST174 Series Single P-Channel JFET Switches are offered in a SOT23, 3 lead package and includes the following part numbers: **SST174, SST175, SST176**

### 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:

- J174 TO-92 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- J174 TO-92 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- J174 TO-92 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- J174 TO-92 3L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- SST174 SOT23 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.
- SST174 SOT23 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- SST174 SOT23 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- SST174 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 J174/SST174 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 J/SST174 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
J174	TO-92 3L	J174 TO-92 3L J174 TO-92 3L SELECT J174 TO-92 3L RoHS J174 TO-92 3L RoHS SELECT	LS J17 or LS J17F LS J17 or LS J17F LS J17F LS J17F
J175	TO-92 3L	J175 TO-92 3L J175 TO-92 3L SELECT J175 TO-92 3L RoHS J175 TO-92 3L RoHS SELECT	LS J17 or LS J17F LS J17 or LS J17F LS J17F LS J17F
J176	TO-92 3L	J176 TO-92 3L J176 TO-92 3L SELECT J176 TO-92 3L RoHS J176 TO-92 3L RoHS SELECT	LS J17 or LS J17F LS J17 or LS J17F LS J17F LS J17F
J177	TO-92 3L	J177 TO-92 3L J177 TO-92 3L SELECT J177 TO-92 3L RoHS J177 TO-92 3L RoHS SELECT	LS J17 or LS J17F LS J17 or LS J17F LS J17F LS J17F

SST174	SOT-23 3L	SST174 SOT-23 3L	17 or 17F
		SST174 SOT-23 3L SELECT	17 or 17F
		SST174 SOT-23 3L RoHS	17F
		SST174 SOT-23 3L RoHS SELECT	17F
SST175	SOT-23 3L	SST175 SOT-23 3L	17 or 17F
		SST175 SOT-23 3L SELECT	17 or 17F
		SST175 SOT-23 3L RoHS	17F
		SST175 SOT-23 3L RoHS SELECT	17F
SST176	SOT-23 3L	SST176 SOT-23 3L	17 or 17F
		SST176 SOT-23 3L SELECT	17 or 17F
		SST176 SOT-23 3L RoHS	17F
		SST176 SOT-23 3L RoHS SELECT	17F
SST177	SOT-23 3L	SST177 SOT-23 3L	17 or 17F
		SST177 SOT-23 3L SELECT	17 or 17F
		SST177 SOT-23 3L RoHS	17F
		SST177 SOT-23 3L RoHS SELECT	17F