



Linear Integrated Systems

# SD210/SST210 Series Ordering and Part Marking Information

5/21/09

SUBJECT: SD210/SST210 Series Ordering and Part Marking Information

The SD210/SST210 Series Single N-Channel Lateral DMOS Switches are offered in a TO-72, 4 lead package and includes the following part numbers: **SD210DE, SD214DE**

The SD210/SST210 Series Single N-Channel Lateral DMOS Switches are offered in a SOT-143, 4 lead package and includes the following part numbers: **SST210, SST214**

### 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:

- SD210 TO-72 4L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- SD210 TO-72 4L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- SST210 SOT-143 4L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.
- SST210 SOT-143 4L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- SST210 SOT-143 4L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- SST210 SOT-143 4L -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 SD210/SST210 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 SD210/SST210 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
SD210	TO-72 4L	SD210 TO-72 4L RoHS SD210 TO-72 4L RoHS SELECT	SD21 ND SD21 ND
SD214	TO-72 4L	SD214 TO-72 4L RoHS SD214 TO-72 5L RoHS SELECT	SD21 ND SD21 ND
Not offered in this package SOT-143 4L		SST210 SOT143 4L SST210 SOT143 4L SELECT SST210 SOT143 4L RoHS SST210 SOT143 4L RoHS SELECT	ST2 or ST2F ST2 or ST2F ST2F ST2F
Not offered in this package SOT-143 4L		SST214 SOT143 4L SST214 SOT143 4L SELECT SST214 SOT143 4L RoHS SST214 SOT143 4L RoHS SELECT	ST2 or ST2F ST2 or ST2F ST2F ST2F