



Linear Integrated Systems

J500/SST500 Series Ordering and Part Marking Information

5/12/09

SUBJECT: J500/SST500 Series Ordering and Part Marking Information

The J500 Series Current Regulator Diodes are offered in a TO-92, 2 lead package and includes the following part numbers: **J500, J501, J502, J503, J504, J505, J506, J507, J508, J509, J510, J511**

The SST500 Series Current Regulator Diodes are offered in a SOT23, 3 lead package and includes the following part numbers: **SST500, SST501, SST502, SST503, SST504, SST505, SST506, SST507, SST508, SST509, SST510, SST511**

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:

- J500 TO-92 2L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- J500 TO-92 2L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- J500 TO-92 2L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- J500 TO-92 2L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- SST500 SOT23 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.
- SST500 SOT23 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- SST500 SOT23 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- SST500 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 J500/SST500 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/SST500 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
J500	TO-92 2L	J500 TO-92 2L J500 TO-92 2L SELECT J500 TO-92 2L RoHS J500 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J501	TO-92 2L	J501 TO-92 2L J501 TO-92 2L SELECT J501 TO-92 2L RoHS J501 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J502	TO-92 2L	J502 TO-92 2L J502 TO-92 2L SELECT J502 TO-92 2L RoHS J502 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J503	TO-92 2L	J503 TO-92 2L J503 TO-92 2L SELECT J503 TO-92 2L RoHS J503 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J504	TO-92 2L	J504 TO-92 2L	LS J50 or LS J50F

		J504 TO-92 2L SELECT J504 TO-92 2L RoHS J504 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50F LS J50F
J505	TO-92 2L	J505 TO-92 2L J505 TO-92 2L SELECT J505 TO-92 2L RoHS J505 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J506	TO-92 2L	J506 TO-92 2L J506 TO-92 2L SELECT J506 TO-92 2L RoHS J506 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J507	TO-92 2L	J507 TO-92 2L J507 TO-92 2L SELECT J507 TO-92 2L RoHS J507 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J508	TO-92 2L	J508 TO-92 2L J508 TO-92 2L SELECT J508 TO-92 2L RoHS J508 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J509	TO-92 2L	J509 TO-92 2L J509 TO-92 2L SELECT J509 TO-92 2L RoHS J509 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J510	TO-92 2L	J510 TO-92 2L J510 TO-92 2L SELECT J510 TO-92 2L RoHS J510 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
J511	TO-92 2L	J511 TO-92 2L J511 TO-92 2L SELECT J511 TO-92 2L RoHS J511 TO-92 2L RoHS SELECT	LS J50 or LS J50F LS J50 or LS J50F LS J50F LS J50F
SST500	SOT-23 3L	SST500 SOT-23 3L SST500 SOT-23 3L SELECT SST500 SOT-23 3L RoHS SST500 SOT-23 3L RoHS SELECT	50 or 50F 50 or 50F 50F 50F

SST501	SOT-23 3L	SST501 SOT-23 3L	50 or 50F
		SST501 SOT-23 3L SELECT	50 or 50F
		SST501 SOT-23 3L RoHS	50F
		SST501 SOT-23 3L RoHS SELECT	50F
SST502	SOT-23 3L	SST502 SOT-23 3L	50 or 50F
		SST502 SOT-23 3L SELECT	50 or 50F
		SST502 SOT-23 3L RoHS	50F
		SST502 SOT-23 3L RoHS SELECT	50F
SST503	SOT-23 3L	SST503 SOT-23 3L	50 or 50F
		SST503 SOT-23 3L SELECT	50 or 50F
		SST503 SOT-23 3L RoHS	50F
		SST503 SOT-23 3L RoHS SELECT	50F
SST504	SOT-23 3L	SST504 SOT-23 3L	50 or 50F
		SST504 SOT-23 3L SELECT	50 or 50F
		SST504 SOT-23 3L RoHS	50F
		SST504 SOT-23 3L RoHS SELECT	50F
SST505	SOT-23 3L	SST505 SOT-23 3L	50 or 50F
		SST505 SOT-23 3L SELECT	50 or 50F
		SST505 SOT-23 3L RoHS	50F
		SST505 SOT-23 3L RoHS SELECT	50F
SST506	SOT-23 3L	SST506 SOT-23 3L	50 or 50F
		SST506 SOT-23 3L SELECT	50 or 50F
		SST506 SOT-23 3L RoHS	50F
		SST506 SOT-23 3L RoHS SELECT	50F
SST507	SOT-23 3L	SST507 SOT-23 3L	50 or 50F
		SST507 SOT-23 3L SELECT	50 or 50F
		SST507 SOT-23 3L RoHS	50F
		SST507 SOT-23 3L RoHS SELECT	50F
SST508	SOT-23 3L	SST508 SOT-23 3L	50 or 50F
		SST508 SOT-23 3L SELECT	50 or 50F
		SST508 SOT-23 3L RoHS	50F
		SST508 SOT-23 3L RoHS SELECT	50F
SST509	SOT-23 3L	SST509 SOT-23 3L	50 or 50F
		SST509 SOT-23 3L SELECT	50 or 50F
		SST509 SOT-23 3L RoHS	50F
		SST509 SOT-23 3L RoHS SELECT	50F

SST510	SOT-23 3L	SST510 SOT-23 3L	50 or 50F
		SST510 SOT-23 3L SELECT	50 or 50F
		SST510 SOT-23 3L RoHS	50F
		SST510 SOT-23 3L RoHS SELECT	50F
SST511	SOT-23 3L	SST511 SOT-23 3L	50 or 50F
		SST511 SOT-23 3L SELECT	50 or 50F
		SST511 SOT-23 3L RoHS	50F
		SST511 SOT-23 3L RoHS SELECT	50F