



Linear Integrated Systems

# JPAD/PAD/SSTJPAD Series Ordering and Part Marking Information

5/19/09

SUBJECT: JPAD/PAD/SSTJPAD Series Ordering and Part Marking Information

The JPAD Series Single Low Leakage Diodes are offered in a TO-92, 3 lead package and includes the following part numbers: **JPAD5, JPAD10, JPAD20, JPAD50, JPAD100, JPAD200, JPAD500**

The PAD Series Single Low Leakage Diodes are offered in a TO-72, 3 lead package and includes the following part numbers: **PAD1, PAD2, PAD5**

The PAD Series Single Low Leakage Diodes are offered in a TO-72, 2 lead package and includes the following part numbers: **PAD10, PAD20, PAD50, PAD100**

The SSTPAD Series Single Low Leakage Diodes are offered in a SOT23, 3 lead package and includes the following part numbers: **SSTPAD5, SSTPAD10, SSTPAD20, SSTPAD50, SSTPAD100, SSTPAD200**

### 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:

- JPAD5 TO-92 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- JPAD5 TO-92 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.
- JPAD5 TO-92 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree /ROHS Compliant package requested, marked with the letter "F"
- JPAD5 TO-92 3L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter "F"
- PAD1 TO-72 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- PAD1 TO-72 3L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- PAD10 TO-72 2L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

**PAD10 TO-72 2L-ROHS-Select**-----Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

**SSTPAD5 SOT23 3L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree/ROHS compliant package not specified.

**SSTPAD5 SOT23 3L-Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree/ROHS Compliant package not specified.

**SSTPAD5 SOT23 3L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”

**SSTPAD5 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 JPAD/PAD/SSTJPAD 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 JPAD/PAD/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
JPAD5	TO-92 2L	JPAD5 TO-92 2L	LS JPAD or LS JPADF
		JPAD5 TO-92 2L SELECT	LS JPAD or LS JPADF
		JPAD5 TO-92 2L RoHS	LS JPADF
		JPAD5 TO-92 2L RoHS SELECT	LS JPADF
JPAD10	TO-92 2L	JPAD10 TO-92 2L	LS JPAD or LS JPADF
		JPAD10 TO-92 2L SELECT	LS JPAD or LS JPADF
		JPAD10 TO-92 2L RoHS	LS JPADF
		JPAD10 TO-92 2L RoHS SELECT	LS JPADF
JPAD20	TO-92 2L	JPAD20 TO-92 2L	LS JPAD or LS JPADF
		JPAD20 TO-92 2L SELECT	LS JPAD or LS JPADF

JPAD50	TO-92 2L	JPAD20 TO-92 2L RoHS	LS JPADF
		JPAD20 TO-92 2L RoHS SELECT	LS JPADF
		JPAD50 TO-92 2L	LS JPAD or LS JPADF
		JPAD50 TO-92 2L SELECT	LS JPAD or LS JPADF
		JPAD50 TO-92 2L RoHS	LS JPADF
JPAD100	TO-92 2L	JPAD50 TO-92 2L RoHS SELECT	LS JPADF
		JPAD100 TO-92 2L	LS JPAD or LS JPADF
		JPAD100 TO-92 2L SELECT	LS JPAD or LS JPADF
		JPAD100 TO-92 2L RoHS	LS JPADF
		JPAD100 TO-92 2L RoHS SELECT	LS JPADF
JPAD200	TO-92 2L	JPAD100 TO-92 2L RoHS SELECT	LS JPADF
		JPAD200 TO-92 2L	LS JPAD or LS JPADF
		JPAD200 TO-92 2L SELECT	LS JPAD or LS JPADF
		JPAD200 TO-92 2L RoHS	LS JPADF
JPAD500	TO-92 2L	JPAD200 TO-92 2L RoHS SELECT	LS JPADF
		JPAD200 TO-92 2L RoHS SELECT	LS JPADF
		JPAD500 TO-92 2L	LS JPAD or LS JPADF
		JPAD500 TO-92 2L SELECT	LS JPAD or LS JPADF
PAD1	TO-72 3L	JPAD500 TO-92 2L RoHS SELECT	LS JPADF
		JPAD500 TO-92 2L RoHS SELECT	LS JPADF
		JPAD500 TO-92 2L RoHS	LS JPADF
		JPAD500 TO-92 2L RoHS SELECT	LS JPADF
PAD1	TO-72 3L	PAD1 TO-72 3L RoHS	LS PAD
		PAD1 TO-72 3L RoHS SELECT	LS PAD
PAD2	TO-72 3L	PAD1 TO-72 3L RoHS SELECT	LS PAD
		PAD2 TO-72 3L RoHS	LS PAD
PAD5	TO-72 3L	PAD2 TO-72 3L RoHS SELECT	LS PAD
		PAD5 TO-72 3L RoHS	LS PAD
PAD10	TO-72 3L	PAD5 TO-72 3L RoHS SELECT	LS PAD
		PAD5 TO-72 3L RoHS SELECT	LS PAD
PAD20	TO-72 2L	PAD10 TO-72 2L RoHS	LS PAD
		PAD10 TO-72 2L RoHS SELECT	LS PAD
PAD50	TO-72 2L	PAD20 TO-72 2L RoHS	LS PAD
		PAD20 TO-72 2L RoHS SELECT	LS PAD
PAD100	TO-72 2L	PAD50 TO-72 2L RoHS	LS PAD
		PAD50 TO-72 2L RoHS SELECT	LS PAD
SSTPAD5	SOT-23 3L	PAD100 TO-72 2L RoHS	LS PAD
		PAD100 TO-72 2L RoHS SELECT	LS PAD
		SSTPAD5 SOT-23 3L	5 or 5F
		SSTPAD5 SOT-23 3L SELECT	5 or 5F
		SSTPAD5 SOT-23 3L RoHS	5F
		SSTPAD5 SOT-23 3L RoHS SELECT	5F

SSTPAD10	SOT-23 3L	SSTPAD10 SOT-23 3L	5 or 5F
		SSTPAD10 SOT-23 3L SELECT	5 or 5F
		SSTPAD10 SOT-23 3L RoHS	5F
		SSTPAD10 SOT-23 3L RoHS SELECT	5F
SSTPAD20	SOT-23 3L	SSTPAD20 SOT-23 3L	5 or 5F
		SSTPAD20 SOT-23 3L SELECT	5 or 5F
		SSTPAD20 SOT-23 3L RoHS	5F
		SSTPAD20 SOT-23 3L RoHS SELECT	5F
SSTPAD50	SOT-23 3L	SSTPAD50 SOT-23 3L	5 or 5F
		SSTPAD50 SOT-23 3L SELECT	5 or 5F
		SSTPAD50 SOT-23 3L RoHS	5F
		SSTPAD50 SOT-23 3L RoHS SELECT	5F
SSTPAD100	SOT-23 3L	SSTPAD100 SOT-23 3L	5 or 5F
		SSTPAD100 SOT-23 3L SELECT	5 or 5F
		SSTPAD100 SOT-23 3L RoHS	5F
		SSTPAD100 SOT-23 3L RoHS SELECT	5F
SSTPAD200	SOT-23 3L	SSTPAD200 SOT-23 3L	5 or 5F
		SSTPAD200 SOT-23 3L SELECT	5 or 5F
		SSTPAD200 SOT-23 3L RoHS	5F
		SSTPAD200 SOT-23 3L RoHS SELECT	5F