



Linear Integrated Systems

LS3250 Series Ordering and Part Marking Information

6/3/09

SUBJECT: LS3250 Series Ordering and Part Marking Information

The LS3250 Series Monolithic Dual NPN Transistor are offered in a TO-71, 6 lead package and includes the following part numbers: **LS3250A, LS3250B, LS3250C**

The LS3250 Series Monolithic Dual NPN Transistor are offered in a TO-78, 6 lead package and includes the following part numbers: **LS3250A, LS3250B, LS3250C**

The LS3250 Series Monolithic Dual NPN Transistor are offered a PDIP, 8 lead package and includes the following part numbers: **LS3250A, LS3250B, LS3250C**

The LS3250 Series Monolithic Dual NPN Transistor are offered a SOIC, 8 lead package and includes the following part numbers: **LS3250A, LS3250B, LS3250C**

The LS3250 Series Monolithic Dual NPN Transistor are offered a SOT23, 6 lead package and includes the following part numbers: **LS3250A, LS3250B, LS3250C**

The LS3250 Series Single NPN Transistor are offered in a TO-92, 3 lead package and includes the following part numbers: **LS3250SA, LS3250SB, LS3250SC**

The LS3250 Series Single NPN Transistor are offered a SOT23, 3 lead package and includes the following part numbers: **LS3250SA, LS3250SB, LS3250SC**

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:

LS3250A TO-71 6L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

LS3250A TO-71 6L-ROHS-Select—Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

LS3250A TO-78 6L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.

LS3250A TO-78 6L-ROHS-Select—Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.

LS3250A PDIP 8L-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

LS3250A PDIP 8L -Select-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

LS3250A PDIP 8L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”

LS3250A PDIP 8L-ROHS-Select—Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”

LS3250A SOIC 8L-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

LS3250A SOIC 8L -Select-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

LS3250A SOIC 8L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”

LS3250A SOIC 8L-ROHS-Select—Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”

LS3250A SOT23 6L-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

LS3250A SOT23 6L -Select-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

LS3250A SOT23 6L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”

LS3250A SOT23 6L-ROHS-Select—Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”

LS3250SA TO-92 3L-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

LS3250SA TO-92 3L-Select-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

LS3250SA TO-92 3L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”

LS3250SA TO-92 3L-ROHS-Select—Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”

LS3250SA SOT23 3L-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

LS3250SA SOT23 3L -Select-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.

LS3250SA SOT23 3L ROHS-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”

LS3250SA 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 LS3250A-LS3250C 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 LS310-LS313 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.

LIS Part Number	Package	LIS Part Number	Part Marking
LS3250A	TO-71 6L	LS3250A TO-71 6L RoHS	LS 3250A
		LS3250A TO-71 6L RoHS SELECT	LS 3250A
LS3250B	TO-71 6L	LS3250B TO-71 6L RoHS	LS 3250B
		LS3250B TO-71 6L RoHS SELECT	LS 3250B
LS3250C	TO-71 6L	LS3250C TO-71 6L RoHS	LS 3250C
		LS3250C TO-71 6L RoHS SELECT	LS 3250C
LS3250A	TO-78 6L	LS3250A TO-78 6L RoHS	LS 3250A
		LS3250A TO-78 6L RoHS SELECT	LS 3250A
LS3250B	TO-78 6L	LS3250B TO-78 6L RoHS	LS 3250B
		LS3250B TO-78 6L RoHS SELECT	LS 3250B
LS3250C	TO-78 6L	LS3250C TO-78 6L RoHS	LS 3250C
		LS3250C TO-78 6L RoHS SELECT	LS 3250C
LS3250A	PDIP 8L	LS3250A PDIP 8L	LS 325 or LS 325F
		LS3250A PDIP 8L SELECT	LS 325 or LS 325F
		LS3250A PDIP 8L RoHS	LS 325F
		LS3250A PDIP 8L RoHS SELECT	LS 325F

LS3250B	PDIP 8L	LS3250B PDIP 8L LS3250B PDIP 8L SELECT LS3250B PDIP 8L RoHS LS3250B PDIP 8L RoHS SELECT	LS 325 or LS 325F LS 325 or LS 325F LS 325F LS 325F
LS3250C	PDIP 8L	LS3250C PDIP 8L LS3250C PDIP 8L SELECT LS3250C PDIP 8L RoHS LS3250C PDIP 8L RoHS SELECT	LS 325 or LS 325F LS 325 or LS 325F LS 325F LS 325F
LS3250A	SOIC 8L	LS3250A SOIC 8L LS3250A SOIC 8L SELECT LS3250A SOIC 8L RoHS LS3250A SOIC 8L RoHS SELECT	LS 325 or LS 325F LS 325 or LS 325F LS 325F LS 325F
LS3250B	SOIC 8L	LS3250B SOIC 8L LS3250B SOIC 8L SELECT LS3250B SOIC 8L RoHS LS3250B SOIC 8L RoHS SELECT	LS 325 or LS 325F LS 325 or LS 325F LS 325F LS 325F
LS3250C	SOIC 8L	LS3250C SOIC 8L LS3250C SOIC 8L SELECT LS3250C SOIC 8L RoHS LS3250C SOIC 8L RoHS SELECT	LS 325 or LS 325F LS 325 or LS 325F LS 325F LS 325F
LS3250A	SOT23 6L	LS3250A SOT23 6L LS3250A SOT23 6L SELECT LS3250A SOT23 6L RoHS LS3250A SOT23 6L RoHS SELECT	LS 32 or LS 32F LS 32 or LS 32F LS 32F LS 32F
LS3250B	SOT23 6L	LS3250B SOT23 6L LS3250B SOT23 6L SELECT LS3250B SOT23 6L RoHS LS3250B SOT23 6L RoHS SELECT	LS 32 or LS 32F LS 32 or LS 32F LS 32F LS 32F
LS3250C	SOT23 6L	LS3250C SOT23 6L LS3250C SOT23 6L SELECT LS3250C SOT23 6L RoHS LS3250C SOT23 6L RoHS SELECT	LS 32 or LS 32F LS 32 or LS 32F LS 32F LS 32F
LS3250SA	TO-92 3L	LS3250SA TO-92 3L LS3250SA TO-92 3L SELECT LS3250SA TO-92 3L RoHS LS3250SA TO-92 3L RoHS SELECT	LS 32 or LS 32F LS 32 or LS 32F LS 32F LS 32F
LS3250SB	TO-92 3L	LS3250SB TO-92 3L LS3250SB TO-92 3L SELECT	LS 32 or LS 32F LS 32 or LS 32F

		LS3250SB TO-92 3L RoHS	LS 32F
		LS3250SB TO-92 3L RoHS SELECT	LS 32F
LS3250SC	TO-92 3L	LS3250SC TO-92 3L	LS 32 or LS 32F
		LS3250SC TO-92 3L SELECT	LS 32 or LS 32F
		LS3250SC TO-92 3L RoHS	LS 32F
		LS3250SC TO-92 3L RoHS SELECT	LS 32F
LS3250SA	SOT23 3L	LS3250SA SOT23 3L	LS 32 or LS 32F
		LS3250SA SOT23 3L SELECT	LS 32 or LS 32F
		LS3250SA SOT23 3L RoHS	LS 32F
		LS3250SA SOT23 3L RoHS SELECT	LS 32F
LS3250SB	SOT23 3L	LS3250SB SOT23 3L	LS 32 or LS 32F
		LS3250SB SOT23 3L SELECT	LS 32 or LS 32F
		LS3250SB SOT23 3L RoHS	LS 32F
		LS3250SB SOT23 3L RoHS SELECT	LS 32F
LS3250SC	SOT23 3L	LS3250SC SOT23 3L	LS 32 or LS 32F
		LS3250SC SOT23 3L SELECT	LS 32 or LS 32F
		LS3250SC SOT23 3L RoHS	LS 32F
		LS3250SC SOT23 3L RoHS SELECT	LS 32F