



Linear Integrated Systems

LS350-LS352 Series Ordering and Part Marking Information

6/3/09

SUBJECT: LS350-LS352 Series Ordering and Part Marking Information

The LS350-LS352 Series Monolithic Dual PNP Transistor are offered in a TO-71, 6 lead package and includes the following part numbers: **LS350, LS351, LS352**

The LS350-LS352 Series Monolithic Dual PNP Transistor are offered in a TO-78, 6 lead package and includes the following part numbers: **LS350, LS351, LS352**

The LS350-LS352 Series Monolithic Dual PNP Transistor are offered a PDIP, 8 lead package and includes the following part numbers: **LS350, LS351, LS352**

The LS350-LS352 Series Monolithic Dual PNP Transistor are offered a SOIC, 8 lead package and includes the following part numbers: **LS350, LS351, LS352**

The LS350-LS352 Series Monolithic Dual PNP Transistor are offered a SOT23, 6 lead package and includes the following part numbers: **LS350, LS351, LS352**

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:

- LS350 TO-71 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS350 TO-71 6L-ROHS-Select**-Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS350 TO-78 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS350 TO-78 6L-ROHS-Select**-Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested.
- LS350 PDIP 8L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.

- LS350 PDIP 8L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS350 PDIP 8L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS350 PDIP 8L-ROHS-Select**--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”
- LS350 SOIC 8L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.
- LS350 SOIC 8L -Select**----- Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS350 SOIC 8L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS350 SOIC 8L-ROHS-Select**--Electrically tested to Special Customer Limits/Conditions, Leadfree/ROHS Compliant package requested., marked with the letter “F”
- LS350 SOT23 6L**-----Electrically tested to Standard Datasheet Limits/Conditions, Lead or Leadfree /ROHS compliant package not specified.
- LS350 SOT23 6L -Select**-----Electrically tested to Special Customer Limits/Conditions, Lead or Leadfree /ROHS Compliant package not specified.
- LS350 SOT23 6L ROHS**-----Electrically tested to Standard Datasheet Limits/Conditions, Leadfree/ROHS Compliant package requested, marked with the letter “F”
- LS350 SOT23 6L-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 LS350-LS352 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 LS350-LS352 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
LS350	TO-71 6L	LS350 TO-71 6L RoHS	LS 350
		LS350 TO-71 6L RoHS SELECT	LS 350
LS351	TO-71 6L	LS351 TO-71 6L RoHS	LS 351
		LS351 TO-71 6L RoHS SELECT	LS 351
LS352	TO-71 6L	LS352 TO-71 6L RoHS	LS 352
		LS352 TO-71 6L RoHS SELECT	LS 352
LS350	TO-78 6L	LS350 TO-78 6L RoHS	LS 350
		LS350 TO-78 6L RoHS SELECT	LS 350
LS351	TO-78 6L	LS351 TO-78 6L RoHS	LS 351
		LS351 TO-78 6L RoHS SELECT	LS 351
LS352	TO-78 6L	LS352 TO-78 6L RoHS	LS 352
		LS352 TO-78 6L RoHS SELECT	LS 352
LS350	PDIP 8L	LS350 PDIP 8L	LS 35 or LS 35F
		LS350 PDIP 8L SELECT	LS 35 or LS 35F
		LS350 PDIP 8L RoHS	LS 35F
		LS350 PDIP 8L RoHS SELECT	LS 35F
LS351	PDIP 8L	LS351 PDIP 8L	LS 35 or LS 35F
		LS351 PDIP 8L SELECT	LS 35 or LS 35F
		LS351 PDIP 8L RoHS	LS 35F
		LS351 PDIP 8L RoHS SELECT	LS 35F
LS352	PDIP 8L	LS352 PDIP 8L	LS 35 or LS 35F
		LS352 PDIP 8L SELECT	LS 35 or LS 35F
		LS352 PDIP 8L RoHS	LS 35F
		LS352 PDIP 8L RoHS SELECT	LS 35F
LS350	SOIC 8L	LS350 SOIC 8L	LS 35 or LS 35F
		LS350 SOIC 8L SELECT	LS 35 or LS 35F
		LS350 SOIC 8L RoHS	LS 35F
		LS350 SOIC 8L RoHS SELECT	LS 35F
LS351	SOIC 8L	LS351 SOIC 8L	LS 35 or LS 35F
		LS351 SOIC 8L SELECT	LS 35 or LS 35F
		LS351 SOIC 8L RoHS	LS 35F
		LS351 SOIC 8L RoHS SELECT	LS 35F
LS352	SOIC 8L	LS352 SOIC 8L	LS 35 or LS 35F
		LS352 SOIC 8L SELECT	LS 35 or LS 35F
		LS352 SOIC 8L RoHS	LS 35F
		LS352 SOIC 8L RoHS SELECT	LS 35F

LS350	SOT23 6L	LS350 SOT23 6L	LS 35 or LS 35F
		LS350 SOT23 6L SELECT	LS 35 or LS 35F
		LS350 SOT23 6L RoHS	LS 35F
		LS350 SOT23 6L RoHS SELECT	LS 35F
LS351	SOT23 6L	LS351 SOT23 6L	LS 35 or LS 35F
		LS351 SOT23 6L SELECT	LS 35 or LS 35F
		LS351 SOT23 6L RoHS	LS 35F
		LS351 SOT23 6L RoHS SELECT	LS 35F
LS352	SOT23 6L	LS352 SOT23 6L	LS 35 or LS 35F
		LS352 SOT23 6L SELECT	LS 35 or LS 35F
		LS352 SOT23 6L RoHS	LS 35F
		LS352 SOT23 6L RoHS SELECT	LS 35F