

PACKAGING INFORMATION

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
ADS7950SBDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7950 B	Samples
ADS7950SBDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7950 B	Samples
ADS7950SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7950 B	Samples
ADS7950SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7950 B	Samples
ADS7950SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7950	Samples
ADS7950SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7950	Samples
ADS7951SBDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7951 B	Samples
ADS7951SBDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7951 B	Samples
ADS7951SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS 7951 B	Samples
ADS7951SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS 7951 B	Samples
ADS7951SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7951	Samples
ADS7951SDBTG4	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7951	Samples
ADS7951SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7951	Samples
ADS7951SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS 7951	Samples
ADS7951SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS 7951	Samples
ADS7952SBDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952 B	Samples

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
ADS7952SBDBTG4	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952 B	Samples
ADS7952SBDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952 B	Samples
ADS7952SBRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7952 B	Samples
ADS7952SBRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7952 B	Samples
ADS7952SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952	Samples
ADS7952SDBTG4	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952	Samples
ADS7952SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952	Samples
ADS7952SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7952	Samples
ADS7952SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7952	Samples
ADS7953SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953 B	Samples
ADS7953SBDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953 B	Samples
ADS7953SBRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7953 B	Samples
ADS7953SBRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7953 B	Samples
ADS7953SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953	Samples
ADS7953SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953	Samples
ADS7953SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7953	Samples
ADS7953SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7953	Samples

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
ADS7954SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7954	Samples
ADS7954SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7954	Samples
ADS7954SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7954	Samples
ADS7954SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7954	Samples
ADS7955SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7955	Samples
ADS7955SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7955	Samples
ADS7955SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7955	Samples
ADS7955SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7955	Samples
ADS7956SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7956	Samples
ADS7956SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7956	Samples
ADS7956SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7956	Samples
ADS7956SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7956	Samples
ADS7957SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7957	Samples
ADS7957SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7957	Samples
ADS7957SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7957	Samples
ADS7957SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7957	Samples
ADS7958SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7958	Samples
ADS7958SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7958	Samples
ADS7958SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7958	Samples

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
ADS7958SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7958	Samples
ADS7959SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7959	Samples
ADS7959SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7959	Samples
ADS7959SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7959	Samples
ADS7959SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7959	Samples
ADS7960SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7960	Samples
ADS7960SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7960	Samples
ADS7960SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7960	Samples
ADS7960SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7960	Samples
ADS7961SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7961	Samples
ADS7961SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7961	Samples
ADS7961SDBTRG4	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7961	Samples
ADS7961SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7961	Samples
ADS7961SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7961	Samples

(1) The marketing status values are defined as follows:

ACTIVE: Product device recommended for new designs.

LIFEBUY: TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.

NRND: Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.

PREVIEW: Device has been announced but is not in production. Samples may or may not be available.

OBSOLETE: TI has discontinued the production of the device.

(2) **RoHS:** TI defines "RoHS" to mean semiconductor products that are compliant with the current EU RoHS requirements for all 10 RoHS substances, including the requirement that RoHS substance do not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, "RoHS" products are suitable for use in specified lead-free processes. TI may reference these types of products as "Pb-Free".

RoHS Exempt: TI defines "RoHS Exempt" to mean products that contain lead but are compliant with EU RoHS pursuant to a specific EU RoHS exemption.

Green: TI defines "Green" to mean the content of Chlorine (Cl) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm threshold requirement.

(3) MSL, Peak Temp. - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

(4) There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

(5) Multiple Device Markings will be inside parentheses. Only one Device Marking contained in parentheses and separated by a "~" will appear on a device. If a line is indented then it is a continuation of the previous line and the two combined represent the entire Device Marking for that device.

(6) Lead finish/Ball material - Orderable Devices may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead finish/Ball material values may wrap to two lines if the finish value exceeds the maximum column width.

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OTHER QUALIFIED VERSIONS OF ADS7950, ADS7951, ADS7952, ADS7953, ADS7954, ADS7955, ADS7956, ADS7957, ADS7958, ADS7959, ADS7960, ADS7961 :

- Automotive: [ADS7950-Q1](#), [ADS7951-Q1](#), [ADS7952-Q1](#), [ADS7953-Q1](#), [ADS7954-Q1](#), [ADS7955-Q1](#), [ADS7956-Q1](#), [ADS7957-Q1](#), [ADS7958-Q1](#), [ADS7959-Q1](#), [ADS7960-Q1](#), [ADS7961-Q1](#)

NOTE: Qualified Version Definitions:

- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects