

**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	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7950 B	<a href="#">Samples</a>
ADS7950SBDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7950 B	<a href="#">Samples</a>
ADS7950SBRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7950 B	<a href="#">Samples</a>
ADS7950SBRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7950 B	<a href="#">Samples</a>
ADS7950SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7950	<a href="#">Samples</a>
ADS7950SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7950	<a href="#">Samples</a>
ADS7951SBDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7951 B	<a href="#">Samples</a>
ADS7951SBDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7951 B	<a href="#">Samples</a>
ADS7951SBRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS 7951 B	<a href="#">Samples</a>
ADS7951SBRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS 7951 B	<a href="#">Samples</a>
ADS7951SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7951	<a href="#">Samples</a>
ADS7951SDBTG4	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7951	<a href="#">Samples</a>
ADS7951SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7951	<a href="#">Samples</a>
ADS7951SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS 7951	<a href="#">Samples</a>
ADS7951SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS 7951	<a href="#">Samples</a>
ADS7952SBDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7952 B	<a href="#">Samples</a>

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	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7952 B	<a href="#">Samples</a>
ADS7952SBDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952 B	<a href="#">Samples</a>
ADS7952SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7952 B	<a href="#">Samples</a>
ADS7952SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7952 B	<a href="#">Samples</a>
ADS7952SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7952	<a href="#">Samples</a>
ADS7952SDBTG4	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	Call TI	Level-2-260C-1 YEAR	-40 to 125	ADS7952	<a href="#">Samples</a>
ADS7952SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7952	<a href="#">Samples</a>
ADS7952SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7952	<a href="#">Samples</a>
ADS7952SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7952	<a href="#">Samples</a>
ADS7953SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953	<a href="#">Samples</a>
ADS7953SBDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953	<a href="#">Samples</a>
ADS7953SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7953 B	<a href="#">Samples</a>
ADS7953SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7953 B	<a href="#">Samples</a>
ADS7953SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953	<a href="#">Samples</a>
ADS7953SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7953	<a href="#">Samples</a>
ADS7953SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7953	<a href="#">Samples</a>
ADS7953SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	Call TI	Level-3-260C-168 HR	-40 to 125	ADS 7953	<a href="#">Samples</a>

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	<a href="#">Samples</a>
ADS7954SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7954	<a href="#">Samples</a>
ADS7954SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7954	<a href="#">Samples</a>
ADS7954SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7954	<a href="#">Samples</a>
ADS7955SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7955	<a href="#">Samples</a>
ADS7955SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7955	<a href="#">Samples</a>
ADS7955SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7955	<a href="#">Samples</a>
ADS7955SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7955	<a href="#">Samples</a>
ADS7956SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7956	<a href="#">Samples</a>
ADS7956SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7956	<a href="#">Samples</a>
ADS7956SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7956	<a href="#">Samples</a>
ADS7956SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7956	<a href="#">Samples</a>
ADS7957SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7957	<a href="#">Samples</a>
ADS7957SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7957	<a href="#">Samples</a>
ADS7957SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7957	<a href="#">Samples</a>
ADS7957SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7957	<a href="#">Samples</a>
ADS7958SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7958	<a href="#">Samples</a>
ADS7958SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7958	<a href="#">Samples</a>
ADS7958SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7958	<a href="#">Samples</a>

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	<a href="#">Samples</a>
ADS7959SDBT	ACTIVE	TSSOP	DBT	30	60	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7959	<a href="#">Samples</a>
ADS7959SDBTR	ACTIVE	TSSOP	DBT	30	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7959	<a href="#">Samples</a>
ADS7959SRGER	ACTIVE	VQFN	RGE	24	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7959	<a href="#">Samples</a>
ADS7959SRGET	ACTIVE	VQFN	RGE	24	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7959	<a href="#">Samples</a>
ADS7960SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7960	<a href="#">Samples</a>
ADS7960SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7960	<a href="#">Samples</a>
ADS7960SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7960	<a href="#">Samples</a>
ADS7960SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7960	<a href="#">Samples</a>
ADS7961SDBT	ACTIVE	TSSOP	DBT	38	50	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7961	<a href="#">Samples</a>
ADS7961SDBTR	ACTIVE	TSSOP	DBT	38	2000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	ADS7961	<a href="#">Samples</a>
ADS7961SRHBR	ACTIVE	VQFN	RHB	32	3000	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7961	<a href="#">Samples</a>
ADS7961SRHBT	ACTIVE	VQFN	RHB	32	250	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 125	ADS 7961	<a href="#">Samples</a>

(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.

**OBSELETE:** 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  $\leq 1000$ ppm threshold. Antimony trioxide based flame retardants must also meet the  $\leq 1000$ ppm 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