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
AM6411BKCGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6411B KCGHAALV 709	Samples
AM6411BSCGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6411B SCGHAALV 709	Samples
AM6412BKCGHAALVR	ACTIVE	FCBGA	ALV	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6412B KCGHAALV 709	Samples
AM6412BSCGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6412B SCGHAALV 709	Samples
AM6421BSDGHAALVR	ACTIVE	FCBGA	ALV	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6421B SDGHAALV 709	Samples
AM6421BSEFHAALVR	ACTIVE	FCBGA	ALV	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6421B SEFHAALV 709	Samples
AM6421BSFFHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6421B SFFHAALV 709	Samples
AM6421BSFGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6421B SFGHAALV 709	Samples
AM6422BSDFHAALVR	ACTIVE	FCBGA	ALV	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6422B SDFHAALV 709	Samples
AM6422BSDGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6422B SDGHAALV 709	Samples
AM6441BSEFHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6441B SEFHAALV 709	Samples
AM6441BSEGHAALVR	ACTIVE	FCBGA	ALV	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6441B SEGHAALV	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
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AM6441BSFFHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6441B SFFHAALV 709	Samples
AM6442BSDGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6442B SDGHAALV 709	Samples
AM6442BSEFHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6442B SEFHAALV 709	Samples
AM6442BSEGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6442B SEGHAALV 709	Samples
AM6442BSFFHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6442B SFFHAALV 709	Samples
AM6442BSFGHAALV	ACTIVE	FCBGA	ALV	441	84	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6442B SFGHAALV 709	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.