

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
AM6201ASGFHIAMCRQ1	ACTIVE	FCBGA	AMC	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 125	AM6201A SGFHIAMCQ1 131	Samples
AM6202ATGFHIAMCRQ1	ACTIVE	FCBGA	AMC	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 125	AM6202A TGFHIAMCQ1 131	Samples
AM6204ASGFHIAMCRQ1	ACTIVE	FCBGA	AMC	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 125	AM6204A SGFHIAMCQ1 131	Samples
AM6231AKGGHHALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	0 to 95	AM6231A KGGHHALW 131	Samples
AM6231ASGGGAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6231A SGGGAALW 131	Samples
AM6231ASGGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6231A SGGHAALW 131	Samples
AM6231ASGGHIALWR	PREVIEW	FCCSP	ALW	425	1000	TBD	Call TI	Call TI			
AM6231ATCGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6231A TCGHAALW 131	Samples
AM6231ATGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6231ATGGHIALWR	PREVIEW	FCCSP	ALW	425	1000	TBD	Call TI	Call TI			
AM6232ASCGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6232ASGGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6232A SGGHAALW 131	Samples
AM6232ATCGGAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6232A TCGGAALW 131	Samples
AM6232ATCGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6232A TCGHAALW	Samples

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AM6232ATGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	131 AM6232A TGGHAALW 131	Samples
AM6232ATGGHIALWR	PREVIEW	FCCSP	ALW	425	1000	TBD	Call TI	Call TI			
AM6234ASCGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6234ASGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6234ATCGGAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6234A TCGGAALW 131	Samples
AM6234ATCGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6234A TCGHAALW 131	Samples
AM6234ATGGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6234A TGGHAALW 131	Samples
AM6234ATGGHIALWR	PREVIEW	FCCSP	ALW	425	1000	TBD	Call TI	Call TI			
AM6251ASGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6251ATCGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6251A TCGHAALW 131	Samples
AM6251ATGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6252ASGFHIAMCRQ1	ACTIVE	FCBGA	AMC	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 125	AM6252A SGFHAMCQ1 131	Samples
AM6252ASGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	TBD	Call TI	Call TI	-40 to 105		Samples
AM6252ATCGGAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6252A TCGGAALW 131	Samples
AM6252ATCGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6252A TCGHAALW 131	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
AM6252ATGGHAALWR	ACTIVE	FCCSP	ALW	425	1000	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6252A TGGHAALW 131	Samples
AM6254ASGGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6254A SGGHAALW 131	Samples
AM6254ATCGGAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6254A TCGGAALW 131	Samples
AM6254ATCGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6254A TCGHAALW 131	Samples
AM6254ATCGHIALWR	PREVIEW	FCCSP	ALW	425	1000	TBD	Call TI	Call TI			
AM6254ATGFHIAMCRQ1	ACTIVE	FCBGA	AMC	441	500	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 125	AM6254A TGFHIAMCQ1 131	Samples
AM6254ATGGHAALW	ACTIVE	FCCSP	ALW	425	119	RoHS & Green	Call TI	Level-3-250C-168 HR	-40 to 105	AM6254A TGGHAALW 131	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 AM625, AM625-Q1 :

- Catalog : [AM625](#)
- Automotive : [AM625-Q1](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product
- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects