

**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
INA186A1IDCKR	ACTIVE	SC70	DCK	6	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1E7	<a href="#">Samples</a>
INA186A1IDCKT	ACTIVE	SC70	DCK	6	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1E7	<a href="#">Samples</a>
INA186A1IDDFR	ACTIVE	SOT-23-THIN	DDF	8	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZLW	<a href="#">Samples</a>
INA186A1IDDFT	ACTIVE	SOT-23-THIN	DDF	8	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZLW	<a href="#">Samples</a>
INA186A1IYFDR	ACTIVE	DSBGA	YFD	6	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	1IJ	<a href="#">Samples</a>
INA186A2IDCKR	ACTIVE	SC70	DCK	6	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1E8	<a href="#">Samples</a>
INA186A2IDCKT	ACTIVE	SC70	DCK	6	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1E8	<a href="#">Samples</a>
INA186A2IDDFR	ACTIVE	SOT-23-THIN	DDF	8	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZMW	<a href="#">Samples</a>
INA186A2IDDFT	ACTIVE	SOT-23-THIN	DDF	8	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZMW	<a href="#">Samples</a>
INA186A2IYFDR	ACTIVE	DSBGA	YFD	6	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	1IK	<a href="#">Samples</a>
INA186A3IDCKR	ACTIVE	SC70	DCK	6	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1E9	<a href="#">Samples</a>
INA186A3IDCKT	ACTIVE	SC70	DCK	6	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1E9	<a href="#">Samples</a>
INA186A3IDDFR	ACTIVE	SOT-23-THIN	DDF	8	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZNW	<a href="#">Samples</a>
INA186A3IDDFT	ACTIVE	SOT-23-THIN	DDF	8	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZNW	<a href="#">Samples</a>
INA186A3IYFDR	ACTIVE	DSBGA	YFD	6	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	1IL	<a href="#">Samples</a>
INA186A4IDCKR	ACTIVE	SC70	DCK	6	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1EA	<a href="#">Samples</a>
INA186A4IDCKT	ACTIVE	SC70	DCK	6	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1EA	<a href="#">Samples</a>
INA186A4IDDFR	ACTIVE	SOT-23-THIN	DDF	8	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZOW	<a href="#">Samples</a>
INA186A4IDDFT	ACTIVE	SOT-23-THIN	DDF	8	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZOW	<a href="#">Samples</a>
INA186A4IYFDR	ACTIVE	DSBGA	YFD	6	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	1IM	<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
INA186A5IDCKR	ACTIVE	SC70	DCK	6	3000	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1EB	<a href="#">Samples</a>
INA186A5IDCKT	ACTIVE	SC70	DCK	6	250	RoHS & Green	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	1EB	<a href="#">Samples</a>
INA186A5IDDFR	ACTIVE	SOT-23-THIN	DDF	8	3000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZPW	<a href="#">Samples</a>
INA186A5IDDFT	ACTIVE	SOT-23-THIN	DDF	8	250	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	1ZPW	<a href="#">Samples</a>
INA186A5IYFDR	ACTIVE	DSBGA	YFD	6	3000	RoHS & Green	SNAGCU	Level-1-260C-UNLIM	-40 to 125	1IN	<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.

**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 INA186 :**

- Automotive : [INA186-Q1](#)

NOTE: Qualified Version Definitions:

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