

Supplier Name: **Texas Instruments Inc. (DUNS# 00-732-1904)**
 Contact Info: ti.com/support
 Form/Declaration Type: **Distribute - RoHS and IEC 62474 DB**
 Created on: **06/14/2022**

Details for "INA215AIDCKR"

Current Product Information

TI part number	Lead finish/Ball material	MSL rating/peak reflow	Assembly site	Package Pins	Package body size (mm)	Total device mass (mg)*
INA215AIDCKR	SN	Level-1-260C-UNLIM	Ext-Mfg	DCK 6	2x1.3x0.9	7.4

*Total Device Mass
 The summary mass is a rounded value and will be within approximately +/- 10% of the detailed mass value.

Environmental Ratings Information

RoHS	REACH	Green	IEC 62474 DB
Yes	Yes	Yes	Yes

Component Information

Component	Substance	CAS Number	Amount (mg)	Homogeneous Material Level		Component Level	
				Percentage %	ppm	Percentage %	ppm
Bond Wire							
Precious Metals	Gold	7440-57-5	0.018414	100	1000000	0.250093	2501
Sub-Total			0.018414	100	1000000	0.250093	2501
Die Attach Adhesive							
Other Inorganic Materials	Aluminum Oxide	1344-28-1	0.021294	30	300000	0.289208	2892
Other Inorganic Materials	Silica	7631-86-9	0.003194	4.499859	44999	0.04338	434
Other Organic Materials	Chlorine	7782-50-5	0.000025	0.035221	352	0.00034	3
Thermoplastics	Epoxy	85954-11-6	0.046467	65.46492	654649	0.6311	6311
Sub-Total			0.07098	100	1000000	0.964027	9640
Lead Frame							
Copper and Its Alloys	Copper	7440-50-8	3.29052	96.78	967800	44.690774	446908
Copper and Its Alloys	Iron	7439-89-6	0.0799	2.35	23500	1.085176	10852
Copper and Its Alloys	Phosphorus	7723-14-0	0.00272	0.08	800	0.036942	369
Other Nonferrous Metals and Alloys	Lead	7439-92-1	0.00034	0.01	100	0.004618	46
Precious Metals	Silver	7440-22-4	0.0221	0.65	6500	0.300155	3002
Zinc and Its Alloys	Zinc	7440-66-6	0.00442	0.13	1300	0.060031	600
Sub-Total			3.4	100	1000000	46.177696	461777
Lead Frame Plating							
Other Nonferrous Metals and Alloys	Tin	7440-31-5	0.02	100	1000000	0.271634	2716
Sub-Total			0.02	100	1000000	0.271634	2716
Mold Compound							
Other Inorganic Materials	Fused Silica	60676-86-0	2.971088	86.849996	868500	40.352352	403524
Other Organic Materials	Proprietary Non Halide Flame Retardant	Trade Secret	0.017105	0.500008	5000	0.232315	2323
Other Plastics and Rubber	Carbon Black	1333-86-4	0.005131	0.149988	1500	0.069688	697
Thermoplastics	Epoxy	85954-11-6	0.427618	12.500007	125000	5.807769	58078
Sub-Total			3.420942	100	1000000	46.462123	464621
Semiconductor Device							
Ceramics / Glass	Doped Silicon	7440-21-3	0.432526	100	1000000	5.874428	58744
Sub-Total			0.432526	100	1000000	5.874428	58744
Total			7.362862			100	1000000

Important Note

The ppm calculations are at the **homogeneous material** level and are maximum concentration values. The ppm displayed represents the **homogeneous material** with the highest ppm for that substance. The amount (mg) calculations represent the maximum total amount of each substance within the component.
 The ppm calculations are at the **component** level and are average concentration values. The amount (mg) calculations represent the average total amount of each substance within the **component**.
[See Glossary of Terms for more details.](#)

Important Part Information

There is a remote possibility the Customer Part Number (CPN) your company uses could reference more than one TI part number. This is due to two or more users (EMSi or subcontractors) using the same CPN for different TI part numbers. If this occurs, please check your Customer Part Number and cross reference it with the TI part number seen on this page.

Product Content Methodology

[For an explanation of the methods used to determine material weights, See Product Content Methodology](#)

Material Declaration Certificate for Semiconductor IC Packaged Products

TI certifies that the material content information provided by TI is representative and accurate to the best of their knowledge based on material information provided by its suppliers and their combination into finished IC packaged products. TI semiconductor products designated to be "Pb-free", "Green" or "RoHS Exempt" fully meets the latest EU RoHS Directive requirements along with other legislation as seen in the former JIG-101 list that has been transferred to the IEC 62474 database.

Important Information/Disclaimer

TI bases its material content information on information provided by third-party suppliers and has taken, and continues to take, reasonably diligent steps to provide any required or available information. TI may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. TI and TI suppliers may consider certain information to be proprietary, and thus certain information may not be available for release by TI. The material content information is provided by TI "as is."
[For additional information, please contact TI customer support.](#)

Signature: [\(click here for a fuller statement with a signed certificate\)](#)

Name/Title: Hubie Payne, Vice President, Worldwide SC Quality
 For further environmental statements, please go to www.ti.com/ecoinfo
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RoHS: Means TI semiconductor products that are compliant with the current RoHS requirement that the maximum concentration values of the ten substances listed in RoHS Annex II do not exceed 0.1 % by weight in homogeneous materials. Where designed to be soldered at high temperatures, TI semiconductor products labeled as "RoHS Compliant" are suitable for use in specified lead-free processes. TI may also reference these types of semiconductor products as "Pb-Free." These TI semiconductor products are also fully compliant with GADSL and the IEC 62474 database for electronic requirements.

RoHS Exempt: Means TI semiconductor products that contain lead (Pb) above the RoHS Annex II threshold, but that fall within one of the specific RoHS exemptions noted above or documented in <http://www.ti.com/lit/pdf/szzq088>

Green: Means the content of Chlorine (Cl) and Bromine (Br)-based flame retardants meet J5709B low halogen requirements of <=1 000ppm threshold; Antimony trioxide (Sb2O3) contained in halogen based flame retardant materials meets the <=1 000ppm threshold requirement; and Beryllium Oxide (BeO) is <=1000ppm.