

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKB15N65EH5	**Issued**	27. April 2022
MA#	MA005736206		
Package	PG-TO263-3-2	**Weight***	1559.34 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.797	0.05	0.05	511	511
chip_2	inorganic material	silicon	7440-21-3	1.023	0.07	0.07	656	656
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	iron	7439-89-6	0.304	0.02		195	
	non noble metal	copper	7440-50-8	304.026	19.50	19.53	194971	195225
wire	non noble metal	aluminium	7429-90-5	7.154	0.46	0.46	4588	4588
encapsulation	inorganic material	zincoxide	1314-13-2	6.854	0.44		4395	
	miscellaneous	miscellaneous	-	27.414	1.76		17581	
	plastics	epoxy resin	-	102.804	6.59		65928	
	inorganic material	silicondioxide	60676-86-0	548.287	35.16	43.95	351615	439519
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6193	6193
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	147	148
solder	non noble metal	tin	7440-31-5	0.046			30	
	noble metal	silver	7440-22-4	0.058			37	
	non noble metal	lead	7439-92-1	2.212	0.14	0.14	1419	1486
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.12	35.17	351217	351674
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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