

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKB15N60T	**Issued**	08. April 2022
MA#	MA005709811		
Package	PG-TO263-3-2	**Weight***	1558.95 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	1.597	0.10	0.10	1025	1025
chip_2	inorganic material	silicon	7440-21-3	0.871	0.06	0.06	559	559
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	195019	195273
wire	non noble metal	aluminium	7429-90-5	4.012	0.26	0.26	2573	2573
encapsulation	inorganic material	zincoxide	1314-13-2	6.870	0.44		4407	
	miscellaneous	miscellaneous	-	27.479	1.76		17627	
	plastics	epoxy resin	-	103.048	6.61		66101	
	inorganic material	silicondioxide	60676-86-0	549.588	35.26	44.07	352536	440671
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6194	6194
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	0.056			36	
	noble metal	silver	7440-22-4	0.070			45	
	non noble metal	lead	7439-92-1	2.672	0.17	0.17	1714	1795
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.13	35.18	351304	351762
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com