

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKQB200N75CP2	**Issued**	12. May 2023
MA#	MA005707923		
Package	PG-TO247-3-51	**Weight***	6434.40 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	7.930	0.123	0.123	1232	1232
chip_2	inorganic material	silicon	7440-21-3	15.943	0.248	0.248	2478	2478
leadframe	inorganic material	phosphorus	7723-14-0	1.288	0.020	66.729	200	667289
	non noble metal	iron	7439-89-6	4.294	0.067		667	
	non noble metal	copper	7440-50-8	4,288.022	66.642		666422	
wire	non noble metal	aluminium	7429-90-5	41.129	0.639	0.639	6392	6392
encapsulation	inorganic material	zincoxide	1314-13-2	20.343	0.316	31.615	3162	316154
	miscellaneous	miscellaneous	-	81.371	1.265		12646	
	plastics	epoxy resin	-	305.139	4.742		47423	
	inorganic material	silicondioxide	60676-86-0	1,627.411	25.292		252924	
leadfinish	non noble metal	tin	7440-31-5	15.175	0.236	0.236	2358	2358
plating	inorganic material	phosphorus	7723-14-0	0.009	0.000	0.061	1	610
	non noble metal	nickel	7440-02-0	3.916	0.061		609	
solder	non noble metal	tin	7440-31-5	0.449	0.007	0.349	70	3485
	noble metal	silver	7440-22-4	0.561	0.009		87	
	non noble metal	lead	7439-92-1	21.418	0.333		3329	
*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