

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKQ120N75EH7	**Issued**	06. June 2025
MA#	MA006058225		
Package	PG-TO247-3-70	**Weight***	6842.33 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	5.590	0.082	0.082	817	817
chip_2	inorganic material	silicon	7440-21-3	4.192	0.061	0.061	613	613
leadframe	inorganic material	phosphorus	7723-14-0	1.427	0.021	69.494	208	694942
	non noble metal	iron	7439-89-6	4.755	0.069		695	
	non noble metal	copper	7440-50-8	4748.843	69.404		694039	
wire	non noble metal	aluminium	7429-90-5	38.814	0.567	0.567	5673	5673
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	5.987	0.087	29.165	875	291647
	organic material	carbon black	1333-86-4	9.978	0.146		1458	
	miscellaneous	miscellaneous	-	43.902	0.642		6416	
	plastics	phenol resin	-	139.688	2.042		20415	
	plastics	epoxy resin	-	269.399	3.937		39372	
	inorganic material	silicondioxide	60676-86-0	1526.594	22.311		223110	
leadfinish	non noble metal	tin	7440-31-5	33.555	0.490	0.490	4904	4904
plating	non noble metal	nickel	7440-02-0	2.052	0.030	0.030	300	300
solder	non noble metal	antimony	7440-36-0	0.756	0.011	0.110	110	1104
	noble metal	silver	7440-22-4	1.889	0.028		276	
	non noble metal	tin	7440-31-5	4.911	0.072		718	
*deviation	< 10%				Sum in total:	100.000		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 does not use any exemption.

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