

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKQ150N75EH7	**Issued**	06. June 2025
MA#	MA006050266		
Package	PG-TO247-3-70	**Weight***	6844.22 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	7.575	0.111	0.111	1107	1107
chip_2	inorganic material	silicon	7440-21-3	5.126	0.075	0.075	749	749
leadframe	inorganic material	phosphorus	7723-14-0	1.427	0.021	69.475	208	694751
	non noble metal	iron	7439-89-6	4.755	0.069		695	
	non noble metal	copper	7440-50-8	4748.843	69.385		693847	
wire	non noble metal	aluminium	7429-90-5	39.007	0.570	0.570	5699	5699
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	5.978	0.087	29.115	873	291148
	organic material	carbon black	1333-86-4	9.963	0.146		1456	
	miscellaneous	miscellaneous	-	43.839	0.641		6405	
	plastics	phenol resin	-	139.487	2.038		20380	
	plastics	epoxy resin	-	269.011	3.930		39305	
	inorganic material	silicondioxide	60676-86-0	1524.398	22.273		222728	
leadfinish	non noble metal	tin	7440-31-5	33.555	0.490	0.490	4903	4903
plating	non noble metal	nickel	7440-02-0	2.052	0.030	0.030	300	300
solder	non noble metal	antimony	7440-36-0	0.920	0.013	0.134	134	1344
	noble metal	silver	7440-22-4	2.300	0.034		336	
	non noble metal	tin	7440-31-5	5.981	0.087		874	
*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.

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