

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKY120N75EH7	**Issued**	17. September 2025
MA#	MA006152252		
Package	PG-TO247-4-19	**Weight***	6836.88 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	818	818
chip_2	inorganic material	silicon	7440-21-3	4.192	0.061	0.061	613	613
leadframe	inorganic material	phosphorus	7723-14-0	1.421	0.021	69.304	208	693039
	non noble metal	iron	7439-89-6	4.738	0.069		693	
	non noble metal	copper	7440-50-8	4732.060	69.214		692138	
wire	non noble metal	aluminium	7429-90-5	33.503	0.490	0.490	4900	4900
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	6.030	0.088	29.399	882	293995
	organic material	carbon black	1333-86-4	10.050	0.147		1470	
	miscellaneous	miscellaneous	-	44.220	0.647		6468	
	plastics	phenol resin	-	140.701	2.058		20580	
	plastics	epoxy resin	-	271.351	3.969		39689	
	inorganic material	silicondioxide	60676-86-0	1537.656	22.491		224906	
leadfinish	non noble metal	tin	7440-31-5	35.857	0.524	0.524	5245	5245
plating	non noble metal	nickel	7440-02-0	1.952	0.029	0.029	285	285
solder	non noble metal	antimony	7440-36-0	0.756	0.011	0.111	111	1105
	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.

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