

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKZA100N75EH7	**Issued**	06. June 2025
MA#	MA006052355		
Package	PG-TO247-4-21	**Weight***	6136.12 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	5.135	0.084	0.084	837	837
chip_2	inorganic material	silicon	7440-21-3	3.566	0.058	0.058	581	581
leadframe	inorganic material	phosphorus	7723-14-0	1.235	0.020	67.095	201	670951
	non noble metal	iron	7439-89-6	4.117	0.067		671	
	non noble metal	copper	7440-50-8	4111.681	67.008		670079	
wire	non noble metal	aluminium	7429-90-5	16.724	0.273	0.273	2725	2725
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	5.711	0.093	31.026	931	310257
	organic material	carbon black	1333-86-4	9.519	0.155		1551	
	miscellaneous	miscellaneous	-	41.883	0.683		6826	
	plastics	phenol resin	-	133.264	2.172		21718	
	plastics	epoxy resin	-	257.009	4.188		41885	
	inorganic material	silicondioxide	60676-86-0	1456.385	23.735		237346	
leadfinish	non noble metal	tin	7440-31-5	34.164	0.557	0.557	5568	5568
plating	non noble metal	nickel	7440-02-0	49.292	0.803	0.803	8033	8033
solder	non noble metal	antimony	7440-36-0	0.643	0.010	0.105	105	1048
	noble metal	silver	7440-22-4	1.608	0.026		262	
	non noble metal	tin	7440-31-5	4.181	0.068		681	
*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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