

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKZA50N75EH7	**Issued**	06. June 2025
MA#	MA006050262		
Package	PG-TO247-4-21	**Weight***	6133.29 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	2.793	0.046	0.046	455	455
chip_2	inorganic material	silicon	7440-21-3	1.923	0.031	0.031	314	314
leadframe	inorganic material	phosphorus	7723-14-0	1.235	0.020	67.126	201	671260
	non noble metal	iron	7439-89-6	4.117	0.067		671	
	non noble metal	copper	7440-50-8	4111.681	67.039		670387	
wire	non noble metal	aluminium	7429-90-5	16.969	0.277	0.277	2767	2767
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	5.722	0.093	31.100	933	311002
	organic material	carbon black	1333-86-4	9.537	0.156		1555	
	miscellaneous	miscellaneous	-	41.964	0.684		6842	
	plastics	phenol resin	-	133.523	2.177		21770	
	plastics	epoxy resin	-	257.508	4.199		41985	
	inorganic material	silicondioxide	60676-86-0	1459.212	23.792		237916	
leadfinish	non noble metal	tin	7440-31-5	34.164	0.557	0.557	5570	5570
plating	non noble metal	nickel	7440-02-0	49.292	0.804	0.804	8037	8037
solder	non noble metal	antimony	7440-36-0	0.365	0.006	0.060	60	596
	noble metal	silver	7440-22-4	0.913	0.015		149	
	non noble metal	tin	7440-31-5	2.374	0.039		387	
*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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