

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKWH75N75EH7	**Issued**	06. June 2025
MA#	MA006082762		
Package	PG-TO247-3-32	**Weight***	6045.78 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	3.971	0.066	0.066	657	657
chip_2	inorganic material	silicon	7440-21-3	2.770	0.046	0.046	458	458
leadframe	non noble metal	nickel	7440-02-0	1.206	0.020	66.494	199	664937
	inorganic material	phosphorus	7723-14-0	1.206	0.020		199	
	non noble metal	iron	7439-89-6	4.824	0.080		798	
	non noble metal	copper	7440-50-8	4012.828	66.374		663741	
wire	non noble metal	aluminium	7429-90-5	22.682	0.375	0.375	3752	3752
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	5.925	0.098	32.666	980	326657
	organic material	carbon black	1333-86-4	9.874	0.163		1633	
	miscellaneous	miscellaneous	-	43.448	0.719		7186	
	plastics	phenol resin	-	138.243	2.287		22866	
	plastics	epoxy resin	-	266.611	4.410		44099	
	inorganic material	silicondioxide	60676-86-0	1510.796	24.989		249893	
leadfinish	non noble metal	tin	7440-31-5	15.994	0.265	0.265	2646	2646
plating	inorganic material	phosphorus	7723-14-0	< 0.001	< 0.001	0.005	< 1	54
	non noble metal	nickel	7440-02-0	0.328	0.005		54	
solder	non noble metal	antimony	7440-36-0	0.507	0.008	0.084	84	839
	noble metal	silver	7440-22-4	1.268	0.021		210	
	non noble metal	tin	7440-31-5	3.297	0.055		545	
*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.
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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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