

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKWH100N75EH7	**Issued**	06. June 2025
MA#	MA006082798		
Package	PG-TO247-3-32	**Weight***	6046.47 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	0.085	0.085	849	849
chip_2	inorganic material	silicon	7440-21-3	3.566	0.059	0.059	590	590
leadframe	non noble metal	nickel	7440-02-0	1.206	0.020	66.486	199	664862
	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	66.367		663665	
wire	non noble metal	aluminium	7429-90-5	20.295	0.336	0.336	3357	3357
encapsulation	inorganic material	magnesium aluminum hydroxide carbonate	11097-59-9	5.924	0.098	32.658	980	326579
	organic material	carbon black	1333-86-4	9.873	0.163		1633	
	miscellaneous	miscellaneous	-	43.442	0.718		7185	
	plastics	phenol resin	-	138.226	2.286		22861	
	plastics	epoxy resin	-	266.578	4.409		44088	
	inorganic material	silicondioxide	60676-86-0	1510.607	24.983		249833	
leadfinish	non noble metal	tin	7440-31-5	15.994	0.265	0.265	2645	2645
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	0.643	0.011	0.106	106	1064
	noble metal	silver	7440-22-4	1.608	0.027		266	
	non noble metal	tin	7440-31-5	4.181	0.069		691	
*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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