



Material Content Data Sheet



Halogen-Free

Sales Product Name	IKY75N120CH3	Issued	03. June 2021
MA#	MA005424738		
Package	PG-TO247-4-6	Weight*	6818.72 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	12.922	0.19	0.19	1895	1895
chip_2	inorganic material	silicon	7440-21-3	24.379	0.36	0.36	3575	3575
leadframe	inorganic material	phosphorus	7723-14-0	1.421	0.02		208	
	non noble metal	iron	7439-89-6	4.738	0.07		695	
	non noble metal	copper	7440-50-8	4,732.060	69.38	69.47	693981	694884
wire	non noble metal	aluminium	7429-90-5	36.025	0.53	0.53	5283	5283
encapsulation	organic material	carbon black	1333-86-4	9.760	0.14		1431	
	plastics	epoxy resin	-	390.382	5.73		57252	
	inorganic material	silicondioxide	60676-86-0	1,551.769	22.76	28.63	227575	286258
leadfinish	non noble metal	tin	7440-31-5	35.857	0.53	0.53	5259	5259
plating	non noble metal	nickel	7440-02-0	1.952	0.03	0.03	286	286
solder	non noble metal	antimony	7440-36-0	1.746	0.03		256	
	noble metal	silver	7440-22-4	4.364	0.06		640	
	non noble metal	tin	7440-31-5	11.347	0.17	0.26	1664	2560
*deviation	< 10%	Sum in total:				100.00		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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