



Material Content Data Sheet



Halogen-Free

Sales Product Name	IKW15N120BH6	Issued	17. February 2022
MA#	MA005619786		
Package	PG-TO247-3-44	Weight*	2524.62 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	1.681	0.07	0.07	666	666
chip_2	inorganic material	silicon	7440-21-3	4.771	0.19	0.19	1890	1890
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.01		63	
	non noble metal	iron	7439-89-6	0.530	0.02		210	
	non noble metal	copper	7440-50-8	529.068	20.96	20.99	209564	209837
wire	non noble metal	aluminium	7429-90-5	9.483	0.38	0.38	3756	3756
encapsulation	organic material	carbon black	1333-86-4	9.571	0.38		3791	
	plastics	epoxy resin	-	382.847	15.16		151646	
	inorganic material	silicondioxide	60676-86-0	1,521.816	60.27	75.81	602790	758227
leadfinish	non noble metal	tin	7440-31-5	31.874	1.26	1.26	12625	12625
plating	non noble metal	nickel	7440-02-0	29.065	1.15	1.15	11512	11512
solder	non noble metal	antimony	7440-36-0	0.375	0.01		149	
	noble metal	silver	7440-22-4	0.938	0.04		372	
	non noble metal	tin	7440-31-5	2.440	0.10	0.15	966	1487
*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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