



Material Content Data Sheet



Halogen-Free

Sales Product Name	IGW75N65H5	Issued	09. February 2022
MA#	MA005618627		
Package	PG-TO247-3-41	Weight*	6050.81 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	3.773	0.06	0.06	624	624
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87437	87551
wire	non noble metal	aluminium	7429-90-5	14.688	0.24	0.24	2427	2427
encapsulation	organic material	carbon black	1333-86-4	19.961	0.33		3299	
	plastics	epoxy resin	-	379.268	6.27		62680	
	inorganic material	silicon dioxide	60676-86-0	1,596.919	26.39	32.99	263918	329897
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5268	5268
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803
solder	non noble metal	antimony	7440-36-0	0.302			50	
	noble metal	silver	7440-22-4	0.755	0.01		125	
	non noble metal	tin	7440-31-5	1.964	0.03	0.04	325	500
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3,438.006	56.83	56.91	568190	568930
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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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