

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGW75N65H5	**Issued**	12. December 2019
MA#	MA005411002		
Package	PG-TO247-3-41	**Weight***	6050.82 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	3.827	0.06	0.06	632	632
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		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	87438	87552
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	-	379.259	6.27		62679	
	inorganic material	silicondioxide	60676-86-0	1596.882	26.39	32.99	263912	329890
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	0.303	0.00		50	
	noble metal	silver	7440-22-4	0.757	0.01		125	
	non noble metal	tin	7440-31-5	1.969	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	3438.006	56.83	56.91	568188	568928
*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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