

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGZ75N65H5	**Issued**	12. December 2019
MA#	MA005411003		
Package	PG-TO247-4-1	**Weight***	6166.10 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	621	621
leadframe	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	iron	7439-89-6	2.890	0.05		469	
	non noble metal	copper	7440-50-8	2885.760	46.81	46.87	468003	468613
wire	non noble metal	aluminium	7429-90-5	11.862	0.19	0.19	1924	1924
encapsulation	organic material	carbon black	1333-86-4	20.083	0.33		3257	
	plastics	epoxy resin	-	381.582	6.19		61884	
	inorganic material	silicondioxide	60676-86-0	1606.661	26.06	32.58	260563	325704
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3744	3744
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.303	0.00		49	
	noble metal	silver	7440-22-4	0.757	0.01		123	
	non noble metal	tin	7440-31-5	1.969	0.03	0.04	319	491
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		199	
	non noble metal	copper	7440-50-8	1222.919	19.83	19.86	198329	198588
*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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