

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGZ75N65H5	**Issued**	04. April 2021
MA#	MA001635926		
Package	PG-TO247-4-1	**Weight***	6166.09 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	612	612
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	2,885.760	46.81	46.87	468005	468615
wire	non noble metal	aluminium	7429-90-5	11.862	0.19	0.19	1924	1924
encapsulation	organic material	carbon black	1333-86-4	20.084	0.33		3257	
	plastics	epoxy resin	-	381.591	6.19		61885	
	inorganic material	silicondioxide	60676-86-0	1,606.698	26.06	32.58	260570	325712
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	0.302			49	
	noble metal	silver	7440-22-4	0.755	0.01		122	
	non noble metal	tin	7440-31-5	1.964	0.03	0.04	318	489
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	1,222.919	19.83	19.86	198330	198589
*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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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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