



## Material Content Data Sheet



<b>Sales Product Name</b>		IGZ75N65H5		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001635926						
<b>Package</b>		PG-TO247-4-1		<b>Weight*</b>		6163.76 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	non noble metal	iron	7439-89-6	2.890	0.05		469	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	copper	7440-50-8	2885.760	46.83	46.89	468180	468790
wire	non noble metal	aluminium	7429-90-5	9.533	0.15	0.15	1547	1547
encapsulation	organic material	carbon black	1333-86-4	20.084	0.33		3258	
	plastics	epoxy resin	-	381.591	6.19		61909	
	inorganic material	silicondioxide	60676-86-0	1606.698	26.07	32.59	260668	325835
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3746	3746
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	316	316
solder	non noble metal	antimony	7440-36-0	0.302	0.00		49	
	noble metal	silver	7440-22-4	0.755	0.01		123	
	non noble metal	tin	7440-31-5	1.964	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	19.84	19.87	198404	198663
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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