



## Material Content Data Sheet



<b>Sales Product Name</b>		IKZ75N65EL5		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001174816						
<b>Package</b>		PG-TO247-4-1		<b>Weight*</b>		6167.64 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	7.928	0.13	0.13	1285	1285
leadframe	non noble metal	iron	7439-89-6	2.890	0.05		468	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	copper	7440-50-8	2885.760	46.78	46.84	467888	468497
wire	non noble metal	aluminium	7429-90-5	14.734	0.24	0.24	2389	2389
encapsulation	organic material	carbon black	1333-86-4	19.995	0.32		3242	
	plastics	epoxy resin	-	379.908	6.16		61597	
	inorganic material	silicondioxide	60676-86-0	1599.612	25.94	32.42	259355	324194
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3743	3743
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.640	0.01		104	
	noble metal	silver	7440-22-4	1.601	0.03		259	
	non noble metal	tin	7440-31-5	4.161	0.07	0.11	675	1038
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	198280	198539
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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