



Material Content Data Sheet



Sales Product Name				IKZ75N65EH5		Issued		19. July 2018	
MA#				MA001261944					
Package				PG-TO247-4-1		Weight*		6166.60 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	6.701	0.11	0.11	1087	1087	
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	46.80	46.86	467966	468576	
wire	non noble metal	aluminium	7429-90-5	13.625	0.22	0.22	2209	2209	
encapsulation	organic material	carbon black	1333-86-4	20.017	0.32		3246		
	plastics	epoxy resin	-	380.330	6.17		61676		
	inorganic material	silicondioxide	60676-86-0	1601.388	25.97	32.46	259687	324609	
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	0.548	0.01		89		
	noble metal	silver	7440-22-4	1.370	0.02		222		
	non noble metal	tin	7440-31-5	3.561	0.06	0.09	577	888	
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	198313	198572	
*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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