



Material Content Data Sheet



Sales Product Name		IKZ75N65EH5		Issued		19. January 2018		
MA#		MA001665830						
Package		PG-TO247-4-1		Weight*		6166.62 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	467964	468574
wire	non noble metal	aluminium	7429-90-5	13.801	0.22	0.22	2238	2238
encapsulation	organic material	carbon black	1333-86-4	20.016	0.32		3246	
	plastics	epoxy resin	-	380.300	6.17		61671	
	inorganic material	silicondioxide	60676-86-0	1601.263	25.97	32.46	259666	324583
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	non noble metal	iron	7439-89-6	1.225	0.02		199	
	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	copper	7440-50-8	1222.919	19.83	19.86	198312	198571
*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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