



Material Content Data Sheet



Sales Product Name				IKZ75N65ES5		Issued		24. January 2018	
MA#				MA001714660					
Package				PG-TO247-4-1		Weight*		6166.67 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	6.917	0.11	0.11	1122	1122	
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	2885.760	46.80	46.86	467960	468570	
	non noble metal	aluminium	7429-90-5	13.682	0.22	0.22	2219	2219	
wire	non noble metal	aluminium	7429-90-5	13.682	0.22	0.22	2219	2219	
encapsulation	organic material	carbon black	1333-86-4	20.015	0.32		3246		
	plastics	epoxy resin	-	380.285	6.17		61668		
	inorganic material	silicondioxide	60676-86-0	1601.198	25.97	32.46	259653	324567	
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	0.551	0.01		89		
	noble metal	silver	7440-22-4	1.378	0.02		223		
	non noble metal	tin	7440-31-5	3.583	0.06	0.09	581	893	
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	198311	198570	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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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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