



Material Content Data Sheet



Sales Product Name		IKZ75N65NH5		Issued		4. July 2019		
MA#		MA005344688						
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_1	inorganic material	silicon	7440-21-3	2.928	0.05	0.05	475	475
chip_2	inorganic material	silicon	7440-21-3	3.773	0.06	0.06	612	612
leadframe	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	iron	7439-89-6	2.890	0.05		469	
wire	non noble metal	copper	7440-50-8	2885.760	46.80	46.86	467964	468574
	non noble metal	aluminium	7429-90-5	13.837	0.22	0.22	2244	2244
encapsulation	organic material	carbon black	1333-86-4	20.015	0.32		3246	
	plastics	epoxy resin	-	380.294	6.17		61670	
	inorganic material	silicondioxide	60676-86-0	1601.237	25.97	32.46	259661	324577
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	198312	198571
*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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