

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKZ75N65EL5	**Issued**	17. May 2021
MA#	MA005414046		
Package	PG-TO247-4-1	**Weight***	6171.23 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	474	474
chip_2	inorganic material	silicon	7440-21-3	5.071	0.08	0.08	822	822
leadframe	inorganic material	phosphorus	7723-14-0	0.867	0.01		140	
	non noble metal	iron	7439-89-6	2.890	0.05		468	
	non noble metal	copper	7440-50-8	2,885.760	46.75	46.81	467615	468223
wire	non noble metal	aluminium	7429-90-5	18.233	0.30	0.30	2955	2955
encapsulation	organic material	carbon black	1333-86-4	19.995	0.32		3240	
	plastics	epoxy resin	-	379.910	6.16		61562	
	inorganic material	silicondioxide	60676-86-0	1,599.620	25.92	32.40	259206	324008
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3741	3741
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.641	0.01		104	
	noble metal	silver	7440-22-4	1.603	0.03		260	
	non noble metal	tin	7440-31-5	4.167	0.07	0.11	675	1039
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		198	
	non noble metal	copper	7440-50-8	1,222.919	19.82	19.85	198165	198423
*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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