

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKZA75N65RH5	**Issued**	2. February 2021
MA#	MA004080618		
Package	PG-TO247-4-3	**Weight***	6292.92 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	4.116	0.07	0.07	654	654
chip_2	inorganic material	siliconcarbide	409-21-2	1.648	0.03	0.03	262	262
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
	non noble metal	iron	7439-89-6	4.263	0.07		677	
	non noble metal	copper	7440-50-8	4257.756	67.65	67.74	676595	677475
wire	non noble metal	aluminium	7429-90-5	11.863	0.19	0.19	1885	1885
encapsulation	organic material	carbon black	1333-86-4	19.718	0.31		3133	
	plastics	epoxy resin	-	374.650	5.95		59535	
	inorganic material	silicondioxide	60676-86-0	1577.472	25.07	31.33	250674	313342
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5429	5429
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.405	0.01		64	
	noble metal	silver	7440-22-4	1.011	0.02		161	
	non noble metal	tin	7440-31-5	2.629	0.04	0.07	418	643
*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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