

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKZ75N65EH5	**Issued**	11. April 2021
MA#	MA005354334		
Package	PG-TO247-4-1	**Weight***	6170.00 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	3.827	0.06	0.06	620	620
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	46.78	46.84	467708	468316
wire	non noble metal	aluminium	7429-90-5	17.172	0.28	0.28	2783	2783
encapsulation	organic material	carbon black	1333-86-4	20.015	0.32		3244	
	plastics	epoxy resin	-	380.291	6.16		61636	
	inorganic material	silicondioxide	60676-86-0	1,601.226	25.95	32.43	259518	324398
leadfinish	non noble metal	tin	7440-31-5	23.087	0.37	0.37	3742	3742
plating	non noble metal	nickel	7440-02-0	1.945	0.03	0.03	315	315
solder	non noble metal	antimony	7440-36-0	0.549	0.01		89	
	noble metal	silver	7440-22-4	1.371	0.02		222	
	non noble metal	tin	7440-31-5	3.566	0.06	0.09	578	889
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	198204	198462
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com