



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IKW75N65EH5	<b>Issued</b>	14. February 2022
<b>MA#</b>	MA005626504		
<b>Package</b>	PG-TO247-3-41	<b>Weight*</b>	6054.62 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	3.827	0.06	0.06	632	632
chip_2	inorganic material	silicon	7440-21-3	2.928	0.05	0.05	484	484
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		87	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87382	87495
wire	non noble metal	aluminium	7429-90-5	19.633	0.32	0.32	3243	3243
encapsulation	organic material	carbon black	1333-86-4	19.896	0.33		3286	
	plastics	epoxy resin	-	378.018	6.24		62434	
	inorganic material	silicondioxide	60676-86-0	1,591.655	26.29	32.86	262882	328602
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5264	5264
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4800	4800
solder	non noble metal	antimony	7440-36-0	0.549	0.01		91	
	noble metal	silver	7440-22-4	1.371	0.02		227	
	non noble metal	tin	7440-31-5	3.566	0.06	0.09	589	907
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3,438.006	56.78	56.86	567833	568573
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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