

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKW30N65ET7	**Issued**	27. April 2022
MA#	MA005731082		
Package	PG-TO247-3-41	**Weight***	6050.90 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	1.834	0.03	0.03	303	303
chip_2	inorganic material	silicon	7440-21-3	1.163	0.02	0.02	192	192
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87436	87550
wire	non noble metal	aluminium	7429-90-5	16.806	0.28	0.28	2777	2777
encapsulation	organic material	carbon black	1333-86-4	19.954	0.33		3298	
	plastics	epoxy resin	-	379.127	6.27		62656	
	inorganic material	silicondioxide	60676-86-0	1,596.325	26.38	32.98	263816	329770
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5268	5268
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803
solder	non noble metal	antimony	7440-36-0	0.252			42	
	noble metal	silver	7440-22-4	0.629	0.01		104	
	non noble metal	tin	7440-31-5	1.635	0.03	0.04	270	416
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	56.81	56.89	568181	568921
*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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