

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKW25N120T2	**Issued**	4. July 2019
MA#	MA003883322		
Package	PG-TO247-3-44	**Weight***	5959.70 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	4.307	0.07	0.07	723	723
chip_2	inorganic material	silicon	7440-21-3	9.063	0.15	0.15	1521	1521
leadframe	inorganic material	phosphorus	7723-14-0	1.192	0.02		200	
	non noble metal	iron	7439-89-6	3.972	0.07		667	
	non noble metal	copper	7440-50-8	3967.074	66.57	66.66	665648	666515
wire	non noble metal	aluminium	7429-90-5	16.234	0.27	0.27	2724	2724
encapsulation	organic material	carbon black	1333-86-4	9.449	0.16		1586	
	plastics	epoxy resin	-	377.979	6.34		63422	
	inorganic material	silicondioxide	60676-86-0	1502.466	25.21	31.71	252104	317112
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5348	5348
plating	non noble metal	nickel	7440-02-0	29.065	0.49	0.49	4877	4877
solder	non noble metal	antimony	7440-36-0	0.703	0.01		118	
	noble metal	silver	7440-22-4	1.757	0.03		295	
	non noble metal	tin	7440-31-5	4.569	0.08	0.12	767	1180
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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