



## Material Content Data Sheet



Sales Product Name	IKW15N120BH6			Issued		31. January 2019		
MA#	MA001729948							
Package	PG-TO247-3-44			Weight*		5954.36 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	1.681	0.03	0.03	282	282
chip_2	inorganic material	silicon	7440-21-3	4.771	0.08	0.08	801	801
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	66.61	66.70	666247	667114
wire	non noble metal	aluminium	7429-90-5	7.621	0.13	0.13	1280	1280
encapsulation	organic material	carbon black	1333-86-4	9.517	0.16		1598	
	plastics	epoxy resin	-	380.672	6.39		63932	
	inorganic material	silicondioxide	60676-86-0	1513.170	25.41	31.96	254128	319658
leadfinish	non noble metal	tin	7440-31-5	31.874	0.54	0.54	5353	5353
plating	non noble metal	nickel	7440-02-0	29.065	0.49	0.49	4881	4881
solder	non noble metal	antimony	7440-36-0	0.375	0.01		63	
	noble metal	silver	7440-22-4	0.938	0.02		158	
	non noble metal	tin	7440-31-5	2.440	0.04	0.07	410	631
*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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