



Material Content Data Sheet



Sales Product Name		IKW25T120		Issued		25. January 2018		
MA#		MA001242670						
Package		PG-TO247-3-44		Weight*		6053.09 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	15.138	0.25	0.25	2501	2501
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		88	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87405	87519
wire	non noble metal	aluminium	7429-90-5	9.043	0.15	0.15	1494	1494
encapsulation	organic material	carbon black	1333-86-4	19.881	0.33		3284	
	plastics	epoxy resin	-	377.737	6.24		62404	
	inorganic material	silicondioxide	60676-86-0	1590.471	26.28	32.85	262753	328441
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5266	5266
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4802	4802
solder	non noble metal	antimony	7440-36-0	0.764	0.01		126	
	noble metal	silver	7440-22-4	1.910	0.03		316	
	non noble metal	tin	7440-31-5	4.966	0.08	0.12	820	1262
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		569	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	copper	7440-50-8	3438.006	56.79	56.87	567975	568715
*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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