



Material Content Data Sheet



Sales Product Name		IKW30N60T		Issued		25. September 2017		
MA#		MA001222140						
Package		PG-TO247-3-41		Weight*		6066.18 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	4.551	0.08	0.08	750	750
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.72	8.73	87216	87329
wire	non noble metal	aluminium	7429-90-5	166.810	2.75	2.75	27498	27498
encapsulation	organic material	carbon black	1333-86-4	18.583	0.31		3063	
	plastics	epoxy resin	-	353.072	5.82		58204	
	inorganic material	silicondioxide	60676-86-0	1486.620	24.51	30.64	245068	306335
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5254	5254
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4791	4791
solder	non noble metal	antimony	7440-36-0	0.337	0.01		55	
	noble metal	silver	7440-22-4	0.841	0.01		139	
	non noble metal	tin	7440-31-5	2.188	0.04	0.06	361	555
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		567	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.65	56.73	566751	567488
*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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