



Material Content Data Sheet



Sales Product Name		IKW30N60H3		Issued		23. December 2015		
MA#		MA000908294						
Package		PG-TO247-3-41		Weight*		6056.49 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	3.883	0.06	0.06	641	641
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	8.74	8.75	87356	87469
wire	non noble metal	aluminium	7429-90-5	80.195	1.32	1.32	13241	13241
encapsulation	organic material	carbon black	1333-86-4	19.356	0.32		3196	
	plastics	epoxy resin	-	367.760	6.07		60722	
	inorganic material	silicondioxide	60676-86-0	1548.462	25.57	31.96	255670	319588
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5329	5329
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4859	4859
solder	non noble metal	antimony	7440-36-0	0.289	0.00		48	
	noble metal	silver	7440-22-4	0.723	0.01		119	
	non noble metal	tin	7440-31-5	1.880	0.03	0.04	310	477
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		568	
	non noble metal	copper	7440-50-8	3438.006	56.77	56.85	567657	568396
*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 2011/65/EU (RoHS) and does not use any exemption.

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