



Material Content Data Sheet



Sales Product Name	IKW30N65WR5			Issued		25. June 2015		
MA#	MA001276192							
Package	PG-TO247-3-44			Weight*		6046.71 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	1.638	0.03	0.03	271	271
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	8.75	8.76	87497	87611
wire	non noble metal	aluminium	7429-90-5	8.247	0.14	0.14	1364	1364
encapsulation	organic material	carbon black	1333-86-4	20.014	0.33		3310	
	plastics	epoxy resin	-	380.274	6.29		62889	
	inorganic material	silicondioxide	60676-86-0	1601.154	26.48	33.10	264798	330997
leadfinish	non noble metal	tin	7440-31-5	32.273	0.53	0.53	5337	5337
plating	non noble metal	nickel	7440-02-0	29.428	0.49	0.49	4867	4867
solder	non noble metal	antimony	7440-36-0	0.145	0.00		24	
	noble metal	silver	7440-22-4	0.362	0.01		60	
	non noble metal	tin	7440-31-5	0.940	0.02	0.03	155	239
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	56.84	56.92	568574	569314
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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