



Material Content Data Sheet



Sales Product Name				IKW75N60H3		Issued		4. October 2018	
MA#				MA003783064					
Package				PG-TO247-3-41		Weight*		6052.67 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	2.713	0.04	0.04	448	448	
chip_2	inorganic material	silicon	7440-21-3	7.713	0.13	0.13	1274	1274	
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	iron	7439-89-6	0.530	0.01		88		
	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87411	87525	
	non noble metal	aluminium	7429-90-5	15.680	0.26	0.26	2591	2591	
wire	non noble metal	aluminium	7429-90-5	15.680	0.26	0.26	2591	2591	
encapsulation	organic material	carbon black	1333-86-4	19.862	0.33		3282		
	plastics	epoxy resin	-	377.381	6.23		62349		
	inorganic material	silicondioxide	60676-86-0	1588.972	26.25	32.81	262524	328155	
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	0.717	0.01		118		
	noble metal	silver	7440-22-4	1.792	0.03		296		
	non noble metal	tin	7440-31-5	4.660	0.08	0.12	770	1184	
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171		
	non noble metal	iron	7439-89-6	3.442	0.06		569		
	non noble metal	copper	7440-50-8	3438.006	56.80	56.88	568015	568755	
*deviation	< 10%			Sum in total:		100.00		1000000	

Important Remarks:

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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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