



Material Content Data Sheet



Sales Product Name				AIKW75N60CT		Issued		2. August 2018	
MA#				MA001671818					
Package				PG-TO247-3-41		Weight*		6053.45 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	7.713	0.13	0.13	1274	1274	
chip_2	inorganic material	silicon	7440-21-3	3.894	0.06	0.06	643	643	
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		26		
	non noble metal	iron	7439-89-6	0.530	0.01		88		
wire	non noble metal	copper	7440-50-8	529.068	8.74	8.75	87400	87514	
	non noble metal	aluminium	7429-90-5	15.506	0.26	0.26	2562	2562	
encapsulation	organic material	carbon black	1333-86-4	19.852	0.33		3279		
	plastics	epoxy resin	-	377.189	6.23		62310		
	inorganic material	silicondioxide	60676-86-0	1588.163	26.24	32.80	262357	327946	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5265	5265	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4801	4801	
solder	non noble metal	antimony	7440-36-0	0.795	0.01		131		
	noble metal	silver	7440-22-4	1.988	0.03		328		
	non noble metal	tin	7440-31-5	5.169	0.09	0.13	854	1313	
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	56.78	56.86	567942	568682	
*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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