



Material Content Data Sheet



Sales Product Name		AIDW20S65C5		Issued		4. July 2019		
MA#		MA001481356						
Package		PG-TO247-3-41		Weight*		6045.29 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	1.477	0.02	0.02	244	244
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	8.75	8.76	87517	87631
	non noble metal	aluminium	7429-90-5	4.072	0.07	0.07	674	674
wire	non noble metal	aluminium	7429-90-5	4.072	0.07	0.07	674	674
encapsulation	organic material	carbon black	1333-86-4	20.058	0.33		3318	
	plastics	epoxy resin	-	381.095	6.30		63040	
	inorganic material	silicondioxide	60676-86-0	1604.611	26.54	33.17	265431	331789
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5273	5273
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4808	4808
solder	non noble metal	antimony	7440-36-0	0.080	0.00		13	
	noble metal	silver	7440-22-4	0.199	0.00		33	
	non noble metal	tin	7440-31-5	0.518	0.01	0.01	86	132
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	56.88	56.96	568709	569449
*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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