



Material Content Data Sheet



Sales Product Name		AIDW30S65C5		Issued		4. July 2019		
MA#		MA001481394						
Package		PG-TO247-3-41		Weight*		6046.21 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	2.126	0.04	0.04	352	352
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	87504	87618
	non noble metal	aluminium	7429-90-5	8.056	0.13	0.13	1332	1332
wire	non noble metal	aluminium	7429-90-5	8.056	0.13	0.13	1332	1332
encapsulation	organic material	carbon black	1333-86-4	20.018	0.33		3311	
	plastics	epoxy resin	-	380.339	6.29		62905	
	inorganic material	silicondioxide	60676-86-0	1601.428	26.49	33.11	264865	331081
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5272	5272
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4807	4807
solder	non noble metal	antimony	7440-36-0	0.106	0.00		18	
	noble metal	silver	7440-22-4	0.266	0.00		44	
	non noble metal	tin	7440-31-5	0.692	0.01	0.01	114	176
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	56.86	56.94	568622	569362
*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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