



Material Content Data Sheet



Halogen-Free

Sales Product Name	AIDW30S65C5	Issued	14. February 2022
MA#	MA005619287		
Package	PG-TO247-3-41	Weight*	6048.18 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	351	351
leadframe	inorganic material	phosphorus	7723-14-0	0.159			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	87476	87590
wire	non noble metal	aluminium	7429-90-5	10.023	0.17	0.17	1657	1657
encapsulation	organic material	carbon black	1333-86-4	20.018	0.33		3310	
	plastics	epoxy resin	-	380.339	6.29		62885	
	inorganic material	silicondioxide	60676-86-0	1,601.428	26.48	33.10	264778	330973
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.106			18	
	noble metal	silver	7440-22-4	0.266			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	3,438.006	56.83	56.91	568437	569177
*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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