



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDW24G65C5B	Issued	17. February 2022
MA#	MA005619852		
Package	PG-TO247-3-41	Weight*	6046.70 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	siliconcarbide	409-21-2	0.945	0.02	0.02	156	156
chip_2	inorganic material	siliconcarbide	409-21-2	0.945	0.02	0.02	156	156
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	87497	87611
wire	non noble metal	aluminium	7429-90-5	5.042	0.08	0.08	834	834
encapsulation	organic material	carbon black	1333-86-4	20.054	0.33		3317	
	plastics	epoxy resin	-	381.035	6.30		63016	
	inorganic material	silicondioxide	60676-86-0	1,604.360	26.53	33.16	265329	331662
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5271	5271
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4807	4807
solder	non noble metal	antimony	7440-36-0	0.114			19	
	noble metal	silver	7440-22-4	0.285			47	
	non noble metal	tin	7440-31-5	0.740	0.01	0.01	122	188
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	56.86	56.94	568575	569315
*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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