



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IDW75D65D1	<b>Issued</b>	04. May 2021
<b>MA#</b>	MA001177562		
<b>Package</b>	PG-TO247-3-41	<b>Weight*</b>	6051.58 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.928	0.05	0.05	484	484
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	8.74	8.75	87426	87540
wire	non noble metal	aluminium	7429-90-5	19.343	0.32	0.32	3196	3196
encapsulation	organic material	carbon black	1333-86-4	19.937	0.33		3294	
	plastics	epoxy resin	-	378.798	6.26		62595	
	inorganic material	silicondioxide	60676-86-0	1,594.939	26.36	32.95	263557	329446
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5267	5267
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4803	4803
solder	non noble metal	antimony	7440-36-0	0.246			41	
	noble metal	silver	7440-22-4	0.614	0.01		102	
	non noble metal	tin	7440-31-5	1.597	0.03	0.04	264	407
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	56.80	56.88	568117	568857
*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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