

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDW10G65C5	**Issued**	31. January 2019
MA#	MA001675308		
Package	PG-TO247-3-41	**Weight***	6044.37 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	0.580	0.01	0.01	96	96
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	87531	87645
wire	non noble metal	aluminium	7429-90-5	2.333	0.04	0.04	386	386
encapsulation	organic material	carbon black	1333-86-4	20.078	0.33		3322	
	plastics	epoxy resin	-	381.478	6.31		63113	
	inorganic material	silicondioxide	60676-86-0	1606.224	26.57	33.21	265738	332173
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	4809	4809
solder	non noble metal	antimony	7440-36-0	0.050	0.00		8	
	noble metal	silver	7440-22-4	0.126	0.00		21	
	non noble metal	tin	7440-31-5	0.327	0.01	0.01	54	83
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		570	
	non noble metal	copper	7440-50-8	3438.006	56.88	56.96	568794	569535
*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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