

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDH10G65C5	**Issued**	08. February 2022
MA#	MA005421648		
Package	PG-TO220-2-1	**Weight***	2001.05 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.014			7	
	noble metal	gold	7440-57-5	0.055			28	
	inorganic material	siliconcarbide	409-21-2	0.806	0.04	0.04	403	438
leadframe	inorganic material	phosphorus	7723-14-0	0.226	0.01		113	
	non noble metal	iron	7439-89-6	0.753	0.04		376	
	non noble metal	copper	7440-50-8	751.797	37.58	37.63	375700	376189
wire	non noble metal	aluminium	7429-90-5	1.088	0.05	0.05	544	544
encapsulation	organic material	carbon black	1333-86-4	1.283	0.06		641	
	plastics	epoxy resin	-	59.008	2.95		29489	
	inorganic material	silicondioxide	60676-86-0	581.101	29.04	32.05	290398	320528
leadfinish	non noble metal	tin	7440-31-5	14.487	0.72	0.72	7240	7240
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.198	0.01	0.01	99	100
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		88	
	non noble metal	iron	7439-89-6	0.590	0.03		295	
	non noble metal	copper	7440-50-8	589.466	29.46	29.50	294578	294961
*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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