

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD10G200C5	**Issued**	29. November 2024
MA#	MA005855622		
Package	PG-TO247-2-3	**Weight***	5754.64 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	0.052	0.001	0.061	9	614
	noble metal	gold	7440-57-5	0.202	0.004		35	
	inorganic material	siliconcarbide	409-21-2	3.277	0.057		569	
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.773	197	657734
	non noble metal	iron	7439-89-6	3.785	0.066		658	
	non noble metal	copper	7440-50-8	3,780.106	65.688		656879	
wire	non noble metal	aluminium	7429-90-5	4.156	0.072	0.072	722	722
encapsulation	organic material	carbon black	1333-86-4	14.610	0.254	33.852	2539	338521
	organic material	phenol formaldehyde resin	9003-35-4	81.234	1.412		14116	
	non noble metal	metal hydroxide	-	178.638	3.104		31042	
	plastics	epoxy resin	29690-82-2	265.911	4.621		46208	
	inorganic material	silicondioxide	60676-86-0	1,407.672	24.462		244615	
leadfinish	non noble metal	tin	7440-31-5	11.505	0.200	0.200	1999	1999
plating	non noble metal	nickel	7440-02-0	2.360	0.041	0.041	410	410
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com