

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD150G120C5	**Issued**	11. March 2025
MA#	MA005746626		
Package	PG-TO247-2-3	**Weight***	5767.45 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.179	0.003	0.200	31	2005
	noble metal	gold	7440-57-5	0.695	0.012		121	
	inorganic material	siliconcarbide	409-21-2	10.687	0.185		1853	
chip_2	non noble metal	tin	7440-31-5	0.179	0.003	0.200	31	2005
	noble metal	gold	7440-57-5	0.695	0.012		121	
	inorganic material	siliconcarbide	409-21-2	10.687	0.185		1853	
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.627	197	656273
	non noble metal	iron	7439-89-6	3.785	0.066		656	
	non noble metal	copper	7440-50-8	3780.106	65.542		655420	
wire	non noble metal	aluminium	7429-90-5	18.740	0.325	0.325	3249	3249
encapsulation	organic material	carbon black	1333-86-4	14.450	0.251	33.406	2505	334064
	organic material	phenol formaldehyde resin	9003-35-4	80.343	1.393		13930	
	non noble metal	metal hydroxide	-	176.678	3.063		30634	
	plastics	epoxy resin	29690-82-2	262.995	4.560		45600	
	inorganic material	silicondioxide	60676-86-0	1392.234	24.139		241395	
leadfinish	non noble metal	tin	7440-31-5	11.505	0.199	0.199	1995	1995
plating	non noble metal	nickel	7440-02-0	2.360	0.041	0.041	409	409
*deviation	< 10%				Sum in total:	100.000		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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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