

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD75G120C5	**Issued**	11. March 2025
MA#	MA005746614		
Package	PG-TO247-2-3	**Weight***	5759.58 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	0.179	0.003	0.201	31	2007
	noble metal	gold	7440-57-5	0.695	0.012		121	
	inorganic material	siliconcarbide	409-21-2	10.687	0.186		1856	
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.717	197	657171
	non noble metal	iron	7439-89-6	3.785	0.066		657	
	non noble metal	copper	7440-50-8	3780.106	65.632		656317	
wire	non noble metal	aluminium	7429-90-5	9.017	0.157	0.157	1566	1566
encapsulation	organic material	carbon black	1333-86-4	14.551	0.253	33.685	2526	336849
	organic material	phenol formaldehyde resin	9003-35-4	80.902	1.405		14047	
	non noble metal	metal hydroxide	-	177.908	3.089		30889	
	plastics	epoxy resin	29690-82-2	264.825	4.598		45980	
	inorganic material	silicondioxide	60676-86-0	1401.921	24.341		243407	
leadfinish	non noble metal	tin	7440-31-5	11.505	0.200	0.200	1998	1998
plating	non noble metal	nickel	7440-02-0	2.360	0.041	0.041	410	410
*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.

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