

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD25G200C5	**Issued**	29. November 2024
MA#	MA005855625		
Package	PG-TO247-2-3	**Weight***	5757.74 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	0.116	0.002	0.137	20	1370
	noble metal	gold	7440-57-5	0.451	0.008		78	
	inorganic material	siliconcarbide	409-21-2	7.320	0.127		1271	
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.738	197	657381
	non noble metal	iron	7439-89-6	3.785	0.066		657	
	non noble metal	copper	7440-50-8	3,780.106	65.653		656526	
wire	non noble metal	aluminium	7429-90-5	8.277	0.144	0.144	1438	1438
encapsulation	organic material	carbon black	1333-86-4	14.570	0.253	33.740	2531	337404
	organic material	phenol formaldehyde resin	9003-35-4	81.010	1.407		14070	
	non noble metal	metal hydroxide	-	178.144	3.094		30940	
	plastics	epoxy resin	29690-82-2	265.176	4.606		46056	
	inorganic material	silicondioxide	60676-86-0	1,403.781	24.381		243808	
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:	100.00		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.

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