

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD100E120D7	**Issued**	12. March 2024
MA#	MA005880490		
Package	PG-TO247-2-2	**Weight***	5760.40 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	7.557	0.131	0.131	1312	1312
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.708	197	657077
	non noble metal	iron	7439-89-6	3.785	0.066		657	
	non noble metal	copper	7440-50-8	3,780.106	65.622		656223	
wire	non noble metal	aluminium	7429-90-5	13.843	0.240	0.240	2403	2403
encapsulation	organic material	carbon black	1333-86-4	14.519	0.252	33.607	2521	336071
	organic material	phenol formaldehyde resin	9003-35-4	80.727	1.401		14014	
	non noble metal	metal hydroxide	-	177.522	3.082		30818	
	plastics	epoxy resin	29690-82-2	264.251	4.587		45874	
	inorganic material	silicondioxide	60676-86-0	1,398.885	24.285		242845	
leadfinish	non noble metal	tin	7440-31-5	11.505	0.200	0.200	1997	1997
plating	non noble metal	nickel	7440-02-0	2.360	0.041	0.041	410	410
solder	non noble metal	antimony	7440-36-0	0.420	0.007	0.073	73	729
	noble metal	silver	7440-22-4	1.050	0.018		182	
	non noble metal	tin	7440-31-5	2.731	0.047		474	
*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.
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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