

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD30E120D7	**Issued**	12. March 2024
MA#	MA005880285		
Package	PG-TO247-2-2	**Weight***	5756.46 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	2.904	0.050	0.050	504	504
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.753	197	657527
	non noble metal	iron	7439-89-6	3.785	0.066		658	
	non noble metal	copper	7440-50-8	3,780.106	65.667		656672	
wire	non noble metal	aluminium	7429-90-5	9.231	0.160	0.160	1604	1604
encapsulation	organic material	carbon black	1333-86-4	14.577	0.253	33.764	2532	337639
	organic material	phenol formaldehyde resin	9003-35-4	81.048	1.408		14080	
	non noble metal	metal hydroxide	-	178.228	3.096		30961	
	plastics	epoxy resin	29690-82-2	265.302	4.609		46088	
	inorganic material	silicondioxide	60676-86-0	1,404.448	24.398		243978	
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
solder	non noble metal	antimony	7440-36-0	0.183	0.003	0.032	32	317
	noble metal	silver	7440-22-4	0.456	0.008		79	
	non noble metal	tin	7440-31-5	1.187	0.021		206	
*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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