

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDWD75E120D7	**Issued**	12. March 2024
MA#	MA005880487		
Package	PG-TO247-2-2	**Weight***	5759.58 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	6.056	0.105	0.105	1051	1051
leadframe	inorganic material	phosphorus	7723-14-0	1.136	0.020	65.717	197	657170
	non noble metal	iron	7439-89-6	3.785	0.066		657	
	non noble metal	copper	7440-50-8	3,780.106	65.632		656316	
wire	non noble metal	aluminium	7429-90-5	13.843	0.240	0.240	2404	2404
encapsulation	organic material	carbon black	1333-86-4	14.530	0.252	33.636	2523	336365
	organic material	phenol formaldehyde resin	9003-35-4	80.786	1.403		14026	
	non noble metal	metal hydroxide	-	177.652	3.084		30845	
	plastics	epoxy resin	29690-82-2	264.444	4.591		45914	
	inorganic material	silicondioxide	60676-86-0	1,399.908	24.306		243057	
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
solder	non noble metal	antimony	7440-36-0	0.347	0.006	0.060	60	603
	noble metal	silver	7440-22-4	0.868	0.015		151	
	non noble metal	tin	7440-31-5	2.256	0.039		392	
*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.

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