

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDP2303	**Issued**	27. April 2022
MA#	MA005726501		
Package	PG-DSO-16-21	**Weight***	175.04 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	2.423	1.38	1.38	13844	13844
chip_2	inorganic material	silicon	7440-21-3	0.657	0.38	0.38	3753	3753
chip_3	inorganic material	silicon	7440-21-3	0.223	0.13	0.13	1274	1274
leadframe	inorganic material	phosphorus	7723-14-0	0.023	0.01		129	
	non noble metal	zinc	7440-66-6	0.091	0.05		518	
	non noble metal	iron	7439-89-6	1.813	1.04		10355	
	non noble metal	copper	7440-50-8	73.601	42.05	43.15	420469	431471
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.104	0.06	0.06	593	599
encapsulation	organic material	carbon black	1333-86-4	0.278	0.16		1590	
	plastics	epoxy resin	-	8.998	5.14		51403	
	inorganic material	silicondioxide	60676-86-0	83.485	47.69	52.99	476935	529928
leadfinish	non noble metal	tin	7440-31-5	1.562	0.89	0.89	8925	8925
plating	noble metal	silver	7440-22-4	0.641	0.37	0.37	3662	3662
glue	plastics	acrylic resin	-	0.252	0.14		1440	
	noble metal	silver	7440-22-4	0.893	0.51	0.65	5104	6544
*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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