

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDP2303A	**Issued**	21. July 2021
MA#	MA005594464		
Package	PG-DSO-16-35	**Weight***	163.11 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	0.657	0.40	0.40	4027	4027
chip_2	inorganic material	silicon	7440-21-3	2.423	1.49	1.49	14857	14857
chip_3	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1368	1368
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		113	
	non noble metal	zinc	7440-66-6	0.073	0.04		450	
	non noble metal	iron	7439-89-6	1.469	0.90		9006	
	non noble metal	copper	7440-50-8	59.647	36.57	37.52	365684	375253
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.104	0.06	0.06	639	645
encapsulation	organic material	carbon black	1333-86-4	0.286	0.18		1756	
	plastics	epoxy resin	-	9.260	5.68		56771	
	inorganic material	silicondioxide	60676-86-0	85.918	52.67	58.53	526741	585268
leadfinish	non noble metal	tin	7440-31-5	1.562	0.96	0.96	9578	9578
plating	noble metal	silver	7440-22-4	0.323	0.20	0.20	1982	1982
glue	plastics	acrylic resin	-	0.252	0.15		1545	
	noble metal	silver	7440-22-4	0.893	0.55	0.70	5477	7022
*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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