

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDP2308	**Issued**	18. August 2021
MA#	MA005542950		
Package	PG-DSO-14-66	**Weight***	155.06 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	0.42	0.42	4237	4237
chip_2	inorganic material	silicon	7440-21-3	0.657	0.42	0.42	4237	4237
chip_3	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1439	1439
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.380	0.89		8903	
	non noble metal	copper	7440-50-8	56.053	36.15	37.09	361497	370956
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.104	0.07	0.07	670	677
encapsulation	organic material	carbon black	1333-86-4	0.281	0.18		1810	
	plastics	epoxy resin	-	9.076	5.85		58533	
	inorganic material	silicondioxide	60676-86-0	84.210	54.33	60.36	543088	603431
leadfinish	non noble metal	tin	7440-31-5	1.285	0.83	0.83	8284	8284
plating	noble metal	silver	7440-22-4	0.301	0.19	0.19	1940	1940
glue	plastics	acrylic resin	-	0.164	0.11		1056	
	noble metal	silver	7440-22-4	0.580	0.37	0.48	3743	4799
*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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