



Material Content Data Sheet



Halogen-Free

Sales Product Name	XDPS2201	Issued	27. April 2022
MA#	MA005725515		
Package	PG-DSO-14-66	Weight*	155.46 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	4226	4226
chip_2	inorganic material	silicon	7440-21-3	2.423	1.56	1.56	15588	15588
chip_3	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1435	1435
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		444	
	non noble metal	iron	7439-89-6	1.380	0.89		8880	
	non noble metal	copper	7440-50-8	56.053	36.06	37.00	360572	370007
wires	noble metal	palladium	7440-05-3	0.001			7	
	non noble metal	copper	7440-50-8	0.104	0.07	0.07	667	674
encapsulation	organic material	carbon black	1333-86-4	0.275	0.18		1772	
	plastics	epoxy resin	-	8.904	5.73		57279	
	inorganic material	silicondioxide	60676-86-0	82.617	53.15	59.06	531453	590504
leadfinish	non noble metal	tin	7440-31-5	1.285	0.83	0.83	8263	8263
plating	noble metal	silver	7440-22-4	0.301	0.19	0.19	1935	1935
glue	plastics	acrylic resin	-	0.252	0.16		1621	
	noble metal	silver	7440-22-4	0.893	0.57	0.73	5747	7368
*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.
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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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