

Material Content Data Sheet

RoHS | 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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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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