

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPL8221	**Issued**	25. June 2021
MA#	MA005561888		
Package	PG-DSO-16-21	**Weight***	174.83 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	1.39	1.39	13861	13861
chip_2	inorganic material	silicon	7440-21-3	0.223	0.13	0.13	1276	1276
leadframe	inorganic material	phosphorus	7723-14-0	0.023	0.01		130	
	non noble metal	zinc	7440-66-6	0.091	0.05		518	
	non noble metal	iron	7439-89-6	1.813	1.04		10368	
	non noble metal	copper	7440-50-8	73.601	42.10	43.20	420992	432008
wires	noble metal	palladium	7440-05-3	0.001			5	
	non noble metal	copper	7440-50-8	0.089	0.05	0.05	512	517
encapsulation	organic material	carbon black	1333-86-4	0.281	0.16		1605	
	plastics	epoxy resin	-	9.070	5.19		51881	
	inorganic material	silicondioxide	60676-86-0	84.157	48.13	53.48	481372	534858
leadfinish	non noble metal	tin	7440-31-5	1.562	0.89	0.89	8936	8936
plating	noble metal	silver	7440-22-4	0.641	0.37	0.37	3667	3667
glue	plastics	acrylic resin	-	0.188	0.11		1073	
	noble metal	silver	7440-22-4	0.665	0.38	0.49	3804	4877
*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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