

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPL8221	**Issued**	14. February 2022
MA#	MA005635322		
Package	PG-DSO-16-35	**Weight***	162.89 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	0.223	0.14	0.14	1369	1369
chip_2	inorganic material	silicon	7440-21-3	2.423	1.49	1.49	14877	14877
leadframe	inorganic material	phosphorus	7723-14-0	0.018	0.01		113	
	non noble metal	zinc	7440-66-6	0.073	0.05		451	
	non noble metal	iron	7439-89-6	1.469	0.90		9018	
	non noble metal	copper	7440-50-8	59.647	36.62	37.58	366172	375754
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.089	0.05	0.05	549	555
encapsulation	organic material	carbon black	1333-86-4	0.289	0.18		1772	
	plastics	epoxy resin	-	9.332	5.73		57292	
	inorganic material	silicondioxide	60676-86-0	86.590	53.14	59.05	531570	590634
leadfinish	non noble metal	tin	7440-31-5	1.562	0.96	0.96	9591	9591
plating	noble metal	silver	7440-22-4	0.323	0.20	0.20	1985	1985
glue	plastics	acrylic resin	-	0.188	0.12		1152	
	noble metal	silver	7440-22-4	0.665	0.41	0.53	4083	5235
*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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