

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	XDPL8105	**Issued**	27. April 2022
MA#	MA005722904		
Package	PG-DSO-8-77	**Weight***	83.62 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	0.27	0.27	2668	2668
chip_2	inorganic material	silicon	7440-21-3	1.566	1.87	1.87	18730	18730
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		429	
	non noble metal	iron	7439-89-6	0.717	0.86		8580	
	non noble metal	copper	7440-50-8	29.131	34.84	35.75	348376	357492
wires	noble metal	palladium	7440-05-3	0.000			5	
	non noble metal	copper	7440-50-8	0.045	0.05	0.05	533	538
encapsulation	organic material	carbon black	1333-86-4	0.151	0.18		1804	
	plastics	epoxy resin	-	4.878	5.83		58336	
	inorganic material	silicondioxide	60676-86-0	45.260	54.13	60.14	541265	601405
leadfinish	non noble metal	tin	7440-31-5	0.876	1.05	1.05	10474	10474
plating	noble metal	silver	7440-22-4	0.060	0.07	0.07	716	716
glue	plastics	acrylic resin	-	0.147	0.18		1755	
	noble metal	silver	7440-22-4	0.520	0.62	0.80	6222	7977
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com