



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	XDPL8210	<b>Issued</b>	27. April 2022
<b>MA#</b>	MA005722922		
<b>Package</b>	PG-DSO-8-77	<b>Weight*</b>	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:

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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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