



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IDP2303	<b>Issued</b>	25. June 2021
<b>MA#</b>	MA005561696		
<b>Package</b>	PG-DSO-16-21	<b>Weight*</b>	175.04 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	0.38	0.38	3753	3753
chip_2	inorganic material	silicon	7440-21-3	2.423	1.38	1.38	13844	13844
chip_3	inorganic material	silicon	7440-21-3	0.223	0.13	0.13	1274	1274
leadframe	inorganic material	phosphorus	7723-14-0	0.023	0.01		129	
	non noble metal	zinc	7440-66-6	0.091	0.05		518	
	non noble metal	iron	7439-89-6	1.813	1.04		10355	
	non noble metal	copper	7440-50-8	73.601	42.05	43.15	420469	431471
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.104	0.06	0.06	593	599
encapsulation	organic material	carbon black	1333-86-4	0.278	0.16		1590	
	plastics	epoxy resin	-	8.998	5.14		51403	
	inorganic material	silicondioxide	60676-86-0	83.485	47.69	52.99	476935	529928
leadfinish	non noble metal	tin	7440-31-5	1.562	0.89	0.89	8925	8925
plating	noble metal	silver	7440-22-4	0.641	0.37	0.37	3662	3662
glue	plastics	acrylic resin	-	0.252	0.14		1440	
	noble metal	silver	7440-22-4	0.893	0.51	0.65	5104	6544
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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