



## Material Content Data Sheet



<b>Sales Product Name</b>		IDP2308		<b>Issued</b>		3. July 2019		
<b>MA#</b>		MA001781510						
<b>Package</b>		PG-DSO-14-66		<b>Weight*</b>		155.35 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	0.42	0.42	4229	4229
chip_2	inorganic material	silicon	7440-21-3	1.936	1.25	1.25	12463	12463
chip_3	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1436	1436
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		444	
	non noble metal	iron	7439-89-6	1.380	0.89		8886	
wires	non noble metal	copper	7440-50-8	56.053	36.08	37.02	360822	370263
	noble metal	palladium	7440-05-3	0.001	0.00		7	
	non noble metal	copper	7440-50-8	0.104	0.07	0.07	668	675
encapsulation	organic material	carbon black	1333-86-4	0.277	0.18		1782	
	plastics	epoxy resin	-	8.951	5.76		57621	
	inorganic material	silicondioxide	60676-86-0	83.053	53.47	59.41	534632	594035
leadfinish	non noble metal	tin	7440-31-5	1.285	0.83	0.83	8269	8269
plating	noble metal	silver	7440-22-4	0.301	0.19	0.19	1936	1936
glue	plastics	acrylic resin	-	0.229	0.15		1473	
	noble metal	silver	7440-22-4	0.811	0.52	0.67	5221	6694
*deviation	< 10%				Sum in total:		100.00	1000000

### Important Remarks:

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