



## Material Content Data Sheet



<b>Sales Product Name</b>				IDL08G65C5		<b>Issued</b>		22. January 2018	
<b>MA#</b>				MA001641550					
<b>Package</b>				PG-VSON-4-1		<b>Weight*</b>		184.30 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	tin	7440-31-5	0.012	0.01		64		
	noble metal	gold	7440-57-5	0.046	0.02		249		
	inorganic material	silicon	7440-21-3	0.488	0.26	0.29	2647	2960	
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		69		
	non noble metal	zinc	7440-66-6	0.051	0.03		276		
	non noble metal	iron	7439-89-6	1.017	0.55		5519		
	non noble metal	copper	7440-50-8	41.300	22.41	23.00	224095	229959	
wire	non noble metal	copper	7440-50-8	0.490	0.27	0.27	2660	2660	
encapsulation	organic material	carbon black	1333-86-4	0.226	0.12		1228		
	plastics	epoxy resin	-	11.657	6.33		63251		
	inorganic material	silicondioxide	60676-86-0	101.292	54.95	61.40	549609	614088	
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	13009	13009	
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1367	1367	
heatspreader	inorganic material	phosphorus	7723-14-0	0.008	0.00		41		
	non noble metal	zinc	7440-66-6	0.030	0.02		163		
	non noble metal	iron	7439-89-6	0.601	0.33		3263		
	non noble metal	copper	7440-50-8	24.418	13.25	13.60	132490	135957	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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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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