



## Material Content Data Sheet



<b>Sales Product Name</b>				IDL10G65C5		<b>Issued</b>		19. January 2018	
<b>MA#</b>				MA001692884					
<b>Package</b>				PG-VSON-4-1		<b>Weight*</b>		184.58 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	0.014	0.01		77		
	noble metal	gold	7440-57-5	0.055	0.03		298		
	inorganic material	siliconcarbide	409-21-2	0.806	0.44	0.48	4368	4743	
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		5510		
	non noble metal	copper	7440-50-8	41.300	22.37	22.96	223748	229603	
wire	non noble metal	copper	7440-50-8	0.543	0.29	0.29	2944	2944	
	encapsulation	organic material	carbon black	1333-86-4	0.226	0.12		1225	
		plastics	epoxy resin	-	11.647	6.31		63099	
	inorganic material	silicondioxide	60676-86-0	101.204	54.82	61.25	548285	612609	
leadfinish	non noble metal	tin	7440-31-5	2.397	1.30	1.30	12989	12989	
plating	noble metal	silver	7440-22-4	0.252	0.14	0.14	1365	1365	
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		3258		
	non noble metal	copper	7440-50-8	24.418	13.23	13.58	132285	135747	
*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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