



## Material Content Data Sheet



<b>Sales Product Name</b>		IDDD20G65C6		<b>Issued</b>		29. June 2018		
<b>MA#</b>		MA001680842						
<b>Package</b>		PG-HDSOP-10-1		<b>Weight*</b>		760.45 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	0.020	0.00		26	
	noble metal	gold	7440-57-5	0.077	0.01		102	
	inorganic material	silicon	7440-21-3	0.815	0.11	0.12	1071	1199
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		52	
	non noble metal	iron	7439-89-6	0.131	0.02		172	
	non noble metal	copper	7440-50-8	130.618	17.18	17.21	171763	171987
wire	non noble metal	aluminium	7429-90-5	3.516	0.46	0.46	4624	4624
encapsulation	organic material	carbon black	1333-86-4	3.411	0.45		4486	
	plastics	epoxy resin	-	59.694	7.85		78498	
	inorganic material	silicondioxide	60676-86-0	278.003	36.54	44.84	365573	448557
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11185	11185
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.130	0.02	0.02	170	171
heatspreader	inorganic material	phosphorus	7723-14-0	0.083	0.01		109	
	non noble metal	iron	7439-89-6	0.275	0.04		362	
	non noble metal	copper	7440-50-8	275.137	36.18	36.23	361806	362277
*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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