



## Material Content Data Sheet



<b>Sales Product Name</b>		IDDD12G65C6		<b>Issued</b>		31. July 2018		
<b>MA#</b>		MA001680832						
<b>Package</b>		PG-HDSOP-10-1		<b>Weight*</b>		760.18 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	0.013	0.00		17	
	noble metal	gold	7440-57-5	0.050	0.01		66	
	inorganic material	silicon	7440-21-3	0.528	0.07	0.08	694	777
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	171826	172050
wire	non noble metal	aluminium	7429-90-5	1.723	0.23	0.23	2267	2267
encapsulation	organic material	carbon black	1333-86-4	3.429	0.45		4511	
	plastics	epoxy resin	-	60.015	7.89		78949	
	inorganic material	silicondioxide	60676-86-0	279.499	36.76	45.10	367676	451136
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11189	11189
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	36.19	36.24	361939	362410
*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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