



## Material Content Data Sheet



<b>Sales Product Name</b>		IDDD06G65C6		<b>Issued</b>		31. July 2018		
<b>MA#</b>		MA001680818						
<b>Package</b>		PG-HDSOP-10-1		<b>Weight*</b>		760.02 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	0.007	0.00		10	
	noble metal	gold	7440-57-5	0.028	0.00		37	
	inorganic material	silicon	7440-21-3	0.296	0.04	0.04	390	437
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	17.19	17.22	171861	172085
wire	non noble metal	aluminium	7429-90-5	0.879	0.12	0.12	1156	1156
encapsulation	organic material	carbon black	1333-86-4	3.439	0.45		4525	
	plastics	epoxy resin	-	60.181	7.92		79183	
	inorganic material	silicondioxide	60676-86-0	280.270	36.86	45.23	368767	452475
leadfinish	non noble metal	tin	7440-31-5	8.506	1.12	1.12	11191	11191
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	171	172
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	36.20	36.25	362013	362484
*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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