



## Material Content Data Sheet



<b>Sales Product Name</b>		IDDD06G65C6		<b>Issued</b>		29. June 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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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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