



## Material Content Data Sheet



<b>Sales Product Name</b>		IDD10SG60C		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001688442						
<b>Package</b>		PG-TO252-3-311		<b>Weight*</b>		320.86 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	0.015	0.00		46	
	noble metal	gold	7440-57-5	0.057	0.02		178	
	inorganic material	siliconcarbide	409-21-2	2.269	0.71	0.73	7071	7295
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.143	0.04		447	
	non noble metal	copper	7440-50-8	143.098	44.60	44.65	445988	446569
wire	non noble metal	aluminium	7429-90-5	0.933	0.29	0.29	2908	2908
encapsulation	organic material	carbon black	1333-86-4	0.303	0.09		943	
	plastics	epoxy resin	-	13.917	4.34		43374	
	inorganic material	silicondioxide	60676-86-0	137.049	42.71	47.14	427137	471454
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11656	11656
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	269	270
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	5.98	5.99	59770	59848
*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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