



## Material Content Data Sheet



<b>Sales Product Name</b>		IDH10SG60C		<b>Issued</b>		29. August 2013			
<b>MA#</b>		MA000629888							
<b>Package</b>		PG-TO220-2-1		<b>Weight*</b>		1966.98 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	noble metal	gold	7440-57-5	0.082	0.00		41		
	non noble metal	arsenic	7440-38-2	0.001	0.00		0		
	inorganic material	siliconcarbide	409-21-2	2.502	0.13	0.13	1272	1313	
leadframe	non noble metal	iron	7439-89-6	0.753	0.04		383		
	inorganic material	phosphorus	7723-14-0	0.226	0.01		115		
	non noble metal	copper	7440-50-8	751.797	38.22	38.27	382207	382705	
wire	non noble metal	aluminium	7429-90-5	1.248	0.06	0.06	635	635	
	encapsulation	organic material	carbon black	1333-86-4	9.082	0.46		4617	
		plastics	epoxy resin	-	99.900	5.08		50789	
	inorganic material	silicondioxide	60676-86-0	496.473	25.24	30.78	252404	307810	
leadfinish	non noble metal	tin	7440-31-5	14.487	0.74	0.74	7365	7365	
plating	non noble metal	nickel	7440-02-0	0.198	0.01		101		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	0	101	
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		90		
	non noble metal	iron	7439-89-6	0.590	0.03		300		
	non noble metal	copper	7440-50-8	589.466	29.97	30.01	299681	300071	
*deviation	< 10%				Sum in total:	100,00		1000000	

### Important Remarks:

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