



## Material Content Data Sheet



<b>Sales Product Name</b>		IDD06SG60C		<b>Issued</b>		19. January 2018			
<b>MA#</b>		MA001641578							
<b>Package</b>		PG-TO252-3-311		<b>Weight*</b>		320.40 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	0.008	0.00		24		
	noble metal	gold	7440-57-5	0.030	0.01		93		
	inorganic material	siliconcarbide	409-21-2	1.179	0.37	0.38	3679	3796	
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	44.65	44.70	446621	447202	
wire	non noble metal	aluminium	7429-90-5	0.476	0.15	0.15	1486	1486	
	encapsulation	organic material	carbon black	1333-86-4	0.305	0.10		951	
		plastics	epoxy resin	-	14.020	4.38		43759	
	inorganic material	silicondioxide	60676-86-0	138.070	43.09	47.57	430929	475639	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11673	11673	
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	270	271	
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	5.99	6.00	59855	59933	
*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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