



## Material Content Data Sheet



<b>Sales Product Name</b>				IDD09SG60C		<b>Issued</b>		27. September 2017	
<b>MA#</b>				MA000809454					
<b>Package</b>				PG-TO252-3-311		<b>Weight*</b>		312.12 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	0.052	0.02		168		
	non noble metal	tin	7440-31-5	0.014	0.00		43		
	inorganic material	silicon	7440-21-3	1.670	0.54	0.56	5350	5561	
leadframe	non noble metal	iron	7439-89-6	0.143	0.05		459		
	inorganic material	phosphorus	7723-14-0	0.043	0.01		138		
	non noble metal	copper	7440-50-8	143.098	45.85	45.91	458472	459069	
wire	non noble metal	aluminium	7429-90-5	0.905	0.29	0.29	2899	2899	
encapsulation	organic material	carbon black	1333-86-4	1.431	0.46		4585		
	plastics	epoxy resin	-	25.046	8.02		80244		
	inorganic material	silicondioxide	60676-86-0	116.642	37.37	45.85	373708	458537	
leadfinish	non noble metal	tin	7440-31-5	3.787	1.21	1.21	12133	12133	
plating	non noble metal	nickel	7440-02-0	0.086	0.03		277		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.03	1	278	
heatspreader	non noble metal	iron	7439-89-6	0.019	0.01		62		
	inorganic material	phosphorus	7723-14-0	0.006	0.00		18		
	non noble metal	copper	7440-50-8	19.177	6.14	6.15	61443	61523	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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