



## Material Content Data Sheet



<b>Sales Product Name</b>		IDD04SG60C		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000809444							
<b>Package</b>		PG-TO252-3-311		<b>Weight*</b>		311.81 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	0.019	0.01		60		
	non noble metal	tin	7440-31-5	0.005	0.00		15		
	inorganic material	silicon	7440-21-3	0.593	0.19	0.20	1902	1977	
leadframe	non noble metal	iron	7439-89-6	0.143	0.05		460		
	inorganic material	phosphorus	7723-14-0	0.043	0.01		138		
	non noble metal	copper	7440-50-8	143.098	45.89	45.95	458927	459525	
wire	non noble metal	aluminium	7429-90-5	0.118	0.04	0.04	379	379	
	encapsulation	organic material	carbon black	1333-86-4	1.447	0.46		4641	
		plastics	epoxy resin	-	25.325	8.12		81220	
	inorganic material	silicondioxide	60676-86-0	117.943	37.83	46.41	378251	464112	
leadfinish	non noble metal	tin	7440-31-5	3.787	1.21	1.21	12145	12145	
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	6.15	6.16	61504	61584	
*deviation	< 10%		Sum in total:			100.00		1000000	

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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