



## Material Content Data Sheet



<b>Sales Product Name</b>		IDD03SG60C		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001641560						
<b>Package</b>		PG-TO252-3-311		<b>Weight*</b>		319.98 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	0.004	0.00		11	
	noble metal	gold	7440-57-5	0.014	0.00		45	
	inorganic material	silicon	7440-21-3	0.411	0.13	0.13	1285	1341
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.143	0.04		448	
	non noble metal	copper	7440-50-8	143.098	44.73	44.78	447204	447786
wire	non noble metal	aluminium	7429-90-5	0.119	0.04	0.04	372	372
encapsulation	organic material	carbon black	1333-86-4	0.306	0.10		957	
	plastics	epoxy resin	-	14.087	4.40		44025	
	inorganic material	silicondioxide	60676-86-0	138.729	43.35	47.85	433549	478531
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11688	11688
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	59933	60011
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com