



## Material Content Data Sheet



<b>Sales Product Name</b>		IDD08SG60C		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001688438						
<b>Package</b>		PG-TO252-3-311		<b>Weight*</b>		320.67 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	0.012	0.00		36	
	noble metal	gold	7440-57-5	0.045	0.01		140	
	inorganic material	siliconcarbide	409-21-2	1.790	0.56	0.57	5583	5759
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	44.63	44.68	446250	446831
wire	non noble metal	aluminium	7429-90-5	0.933	0.29	0.29	2910	2910
encapsulation	organic material	carbon black	1333-86-4	0.303	0.09		945	
	plastics	epoxy resin	-	13.945	4.35		43487	
	inorganic material	silicondioxide	60676-86-0	137.326	42.83	47.27	428251	472683
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11663	11663
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	5.98	5.99	59805	59883
*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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