



Material Content Data Sheet



Sales Product Name		IDD09SG60C		Issued		20. July 2018		
MA#		MA000809454						
Package		PG-TO252-3-311		Weight*		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:

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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