



Material Content Data Sheet



Sales Product Name		IDD04SG60C		Issued		1. August 2018			
MA#		MA001641586							
Package		PG-TO252-3-311		Weight*		320.21 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	0.005	0.00		15		
	noble metal	gold	7440-57-5	0.019	0.01		58		
	inorganic material	siliconcarbide	409-21-2	0.741	0.23	0.24	2314	2387	
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	44.68	44.73	446891	447472	
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		956	
		plastics	epoxy resin	-	14.077	4.40		43962	
	inorganic material	silicondioxide	60676-86-0	138.628	43.29	47.79	432931	477849	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11680	11680	
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	59891	59969	
*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.
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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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