



Material Content Data Sheet



Halogen-Free

Sales Product Name	IDD10SG60C	Issued	12. May 2021
MA#	MA001688442		
Package	PG-TO252-3-311	Weight*	321.08 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	0.015			46	
	noble metal	gold	7440-57-5	0.057	0.02		178	
	inorganic material	siliconcarbide	409-21-2	2.269	0.71	0.73	7066	7290
leadframe	inorganic material	phosphorus	7723-14-0	0.043	0.01		134	
	non noble metal	iron	7439-89-6	0.143	0.04		446	
	non noble metal	copper	7440-50-8	143.098	44.59	44.64	445672	446252
wire	non noble metal	aluminium	7429-90-5	1.161	0.36	0.36	3616	3616
encapsulation	organic material	carbon black	1333-86-4	0.303	0.09		942	
	plastics	epoxy resin	-	13.917	4.33		43343	
	inorganic material	silicondioxide	60676-86-0	137.049	42.68	47.10	426834	471119
leadfinish	non noble metal	tin	7440-31-5	3.740	1.16	1.16	11648	11648
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.086	0.03	0.03	269	270
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	5.97	5.98	59727	59805
*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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