

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IDD09SG60C	**Issued**	02. June 2021
MA#	MA001688440		
Package	PG-TO252-3-311	**Weight***	320.78 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	0.014			42	
	noble metal	gold	7440-57-5	0.052	0.02		164	
	inorganic material	siliconcarbide	409-21-2	2.086	0.65	0.67	6503	6709
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	44.61	44.66	446087	446668
wire	non noble metal	aluminium	7429-90-5	0.933	0.29	0.29	2909	2909
encapsulation	organic material	carbon black	1333-86-4	0.303	0.09		944	
	plastics	epoxy resin	-	13.927	4.34		43417	
	inorganic material	silicondioxide	60676-86-0	137.155	42.76	47.19	427562	471923
leadfinish	non noble metal	tin	7440-31-5	3.740	1.17	1.17	11659	11659
plating	inorganic material	phosphorus	7723-14-0	0.000			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			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	59783	59861
*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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