



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSO615C G	Issued	11. August 2021
MA#	MA005354081		
Package	PG-DSO-8-25	Weight*	83.46 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.145	1.37	1.37	13716	13716
chip_2	inorganic material	silicon	7440-21-3	1.345	1.61	1.61	16117	16117
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		107	
	non noble metal	zinc	7440-66-6	0.036	0.04		430	
	non noble metal	iron	7439-89-6	0.717	0.86		8594	
	non noble metal	copper	7440-50-8	29.121	34.89	35.80	348936	358067
wire	noble metal	gold	7440-57-5	0.423	0.51	0.51	5063	5063
encapsulation	organic material	carbon black	1333-86-4	0.096	0.12		1156	
	plastics	epoxy resin	-	4.437	5.32		53168	
	inorganic material	silicondioxide	60676-86-0	43.697	52.35	57.79	523594	577918
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9752	9752
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7791	7791
glue	plastics	epoxy resin	-	0.169	0.20		2026	
	noble metal	silver	7440-22-4	0.797	0.96	1.16	9550	11576
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com