



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSO613SPV G	Issued	11. August 2021
MA#	MA005354079		
Package	PG-DSO-8-24	Weight*	83.16 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.472	2.97	2.97	29721	29721
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.036	0.04		431	
	non noble metal	iron	7439-89-6	0.717	0.86		8624	
	non noble metal	copper	7440-50-8	29.121	35.02	35.93	350166	359329
wire	noble metal	gold	7440-57-5	0.218	0.26	0.26	2626	2626
encapsulation	organic material	carbon black	1333-86-4	0.097	0.12		1164	
	plastics	epoxy resin	-	4.454	5.36		53554	
	inorganic material	silicondioxide	60676-86-0	43.860	52.74	58.22	527388	582106
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9786	9786
plating	noble metal	silver	7440-22-4	0.650	0.78	0.78	7819	7819
glue	plastics	epoxy resin	-	0.125	0.15		1507	
	noble metal	silver	7440-22-4	0.591	0.71	0.86	7106	8613
*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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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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