



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSO612CV G	Issued	11. August 2021
MA#	MA005354082		
Package	PG-DSO-8-25	Weight*	83.45 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	13717	13717
chip_2	inorganic material	silicon	7440-21-3	1.345	1.61	1.61	16118	16118
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	34.90	35.81	348954	358085
wire	noble metal	gold	7440-57-5	0.418	0.50	0.50	5004	5004
encapsulation	organic material	carbon black	1333-86-4	0.096	0.12		1156	
	plastics	epoxy resin	-	4.437	5.32		53172	
	inorganic material	silicondioxide	60676-86-0	43.698	52.35	57.79	523627	577955
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	7792	7792
glue	plastics	epoxy resin	-	0.169	0.20		2026	
	noble metal	silver	7440-22-4	0.797	0.96	1.16	9551	11577
*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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