

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSO207P H	**Issued**	01. May 2021
MA#	MA000719842		
Package	PG-DSO-8-40	**Weight***	82.62 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	1.616	1.96	1.96	19565	19565
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		119	
	non noble metal	zinc	7440-66-6	0.039	0.05		475	
	non noble metal	iron	7439-89-6	0.785	0.95		9503	
	non noble metal	copper	7440-50-8	31.880	38.59	39.60	385860	395957
wire	non noble metal	copper	7440-50-8	0.275	0.33	0.33	3334	3334
encapsulation	organic material	carbon black	1333-86-4	0.232	0.28		2811	
	plastics	epoxy resin	-	7.199	8.71		87130	
	inorganic material	silicondioxide	60676-86-0	39.013	47.22	56.21	472188	562129
leadfinish	non noble metal	tin	7440-31-5	0.814	0.98	0.98	9850	9850
plating	noble metal	silver	7440-22-4	0.063	0.08	0.08	761	761
glue	plastics	epoxy resin	-	0.104	0.13		1261	
	noble metal	silver	7440-22-4	0.590	0.71	0.84	7143	8404
*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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