

Material Content Data Sheet

RoHS

Sales Product Name	BSP78	**Issued**	08. April 2022
MA#	MA005710090		
Package	PG-SOT223-4-33	**Weight***	113.19 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	3.370	2.98	2.98	29771	29771
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.04		448	
	non noble metal	chromium	7440-47-3	0.152	0.13		1345	
	non noble metal	copper	7440-50-8	50.535	44.66	44.84	446477	448360
wire	noble metal	gold	7440-57-5	0.371	0.33	0.33	3279	3279
encapsulation	organic material	carbon black	1333-86-4	0.444	0.39		3925	
	plastics	brominated resin	-	0.555	0.49		4906	
	inorganic material	antimonytrioxide	1309-64-4	1.111	0.98		9813	
	plastics	epoxy resin	-	10.107	8.93		89298	
	inorganic material	silicondioxide	60676-86-0	43.317	38.27	49.06	382706	490648
leadfinish	non noble metal	tin	7440-31-5	1.465	1.29	1.29	12946	12946
plating	noble metal	silver	7440-22-4	0.716	0.63	0.63	6326	6326
glue	plastics	epoxy resin	-	0.172	0.15		1517	
	noble metal	silver	7440-22-4	0.810	0.72	0.87	7153	8670
*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