



Material Content Data Sheet



Sales Product Name	BSP603S2L	Issued	30. April 2021
MA#	MA001651180		
Package	PG-SOT223-4-21	Weight*	112.64 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	2.544	2.26	2.26	22588	22588
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.04		450	
	non noble metal	chromium	7440-47-3	0.152	0.14		1350	
	non noble metal	copper	7440-50-8	50.489	44.82	45.01	448227	450117
wire	noble metal	gold	7440-57-5	0.320	0.28	0.28	2843	2843
encapsulation	organic material	carbon black	1333-86-4	0.451	0.40		4003	
	plastics	brominated resin	-	0.564	0.50		5004	
	inorganic material	antimonytrioxide	1309-64-4	1.127	1.00		10007	
	plastics	epoxy resin	-	10.258	9.11		91065	
	inorganic material	silicondioxide	60676-86-0	43.962	39.03	50.04	390279	500358
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	12997	12997
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4554	4554
glue	plastics	epoxy resin	-	0.129	0.11		1145	
	noble metal	silver	7440-22-4	0.608	0.54	0.65	5398	6543
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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.

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