

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSL302SN H6327	**Issued**	24. February 2022
MA#	MA005700187		
Package	PG-TSOP6-6-6	**Weight***	13.65 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.010	0.07		723	
	noble metal	gold	7440-57-5	0.038	0.28		2803	
	inorganic material	silicon	7440-21-3	0.583	4.28	4.63	42760	46286
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		87	
	non noble metal	titanium	7440-32-6	0.006	0.04		433	
	non noble metal	chromium	7440-47-3	0.018	0.13		1299	
	non noble metal	copper	7440-50-8	5.882	43.11	43.29	431067	432886
wire	non noble metal	copper	7440-50-8	0.066	0.48	0.48	4811	4811
encapsulation	organic material	carbon black	1333-86-4	0.066	0.48		4812	
	plastics	epoxy resin	-	1.412	10.35		103456	
	inorganic material	silicondioxide	60676-86-0	5.089	37.29	48.12	372924	481192
leadfinish	non noble metal	tin	7440-31-5	0.299	2.19	2.19	21905	21905
plating	noble metal	silver	7440-22-4	0.176	1.29	1.29	12920	12920
*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.
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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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