

Material Content Data Sheet

RoHS

Sales Product Name	BSR302N L6327	**Issued**	24. June 2021
MA#	MA000849044		
Package	PG-SC59-3-3	**Weight***	14.03 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		703	
	noble metal	gold	7440-57-5	0.038	0.27		2726	
	inorganic material	silicon	7440-21-3	0.583	4.16	4.50	41589	45018
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		80	
	non noble metal	titanium	7440-32-6	0.006	0.04		398	
	non noble metal	chromium	7440-47-3	0.017	0.12		1195	
	non noble metal	copper	7440-50-8	5.564	39.66	39.83	396564	398237
wire	noble metal	gold	7440-57-5	0.182	1.30	1.30	12992	12992
encapsulation	organic material	carbon black	1333-86-4	0.058	0.41		4107	
	plastics	brominated resin	-	0.072	0.51		5134	
	inorganic material	antimonytrioxide	1309-64-4	0.144	1.03		10268	
	plastics	epoxy resin	-	1.311	9.34		93441	
	inorganic material	silicondioxide	60676-86-0	5.618	40.05	51.34	400460	513410
leadfinish	non noble metal	tin	7440-31-5	0.258	1.84	1.84	18397	18397
plating	noble metal	silver	7440-22-4	0.168	1.19	1.19	11946	11946
*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.

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