

Material Content Data Sheet

RoHS

Sales Product Name	BSR302N L6327	**Issued**	24. February 2022
MA#	MA005699883		
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:

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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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