



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSR316P H6327	Issued	24. June 2021
MA#	MA001625780		
Package	PG-SC59-3-3	Weight*	13.81 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	0.009	0.06		624	
	noble metal	gold	7440-57-5	0.033	0.24		2420	
	inorganic material	silicon	7440-21-3	0.379	2.74	3.04	27422	30466
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		81	
	non noble metal	titanium	7440-32-6	0.006	0.04		405	
	non noble metal	chromium	7440-47-3	0.017	0.12		1214	
	non noble metal	copper	7440-50-8	5.564	40.30	40.47	402953	404653
wire	non noble metal	copper	7440-50-8	0.032	0.23	0.23	2311	2311
encapsulation	organic material	carbon black	1333-86-4	0.073	0.53		5317	
	plastics	epoxy resin	-	1.579	11.43		114324	
	inorganic material	silicondioxide	60676-86-0	5.690	41.22	53.18	412098	531739
leadfinish	non noble metal	tin	7440-31-5	0.258	1.87	1.87	18693	18693
plating	noble metal	silver	7440-22-4	0.168	1.21	1.21	12138	12138
*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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