



## Material Content Data Sheet



<b>Sales Product Name</b>		BSR316P L6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000306222						
<b>Package</b>		PG-SC59-3-3		<b>Weight*</b>		13.90 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		620	
	noble metal	gold	7440-57-5	0.033	0.24		2404	
	inorganic material	silicon	7440-21-3	0.495	3.56	3.86	35632	38656
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		80	
	non noble metal	titanium	7440-32-6	0.006	0.04		402	
	non noble metal	chromium	7440-47-3	0.017	0.12		1206	
	non noble metal	copper	7440-50-8	5.564	40.04	40.21	400406	402094
wire	noble metal	gold	7440-57-5	0.054	0.39	0.39	3887	3887
encapsulation	organic material	carbon black	1333-86-4	0.058	0.42		4196	
	plastics	brominated resin	-	0.073	0.52		5245	
	inorganic material	antimonytrioxide	1309-64-4	0.146	1.05		10490	
	plastics	epoxy resin	-	1.326	9.55		95458	
	inorganic material	silicondioxide	60676-86-0	5.685	40.91	52.45	409105	524494
leadfinish	non noble metal	tin	7440-31-5	0.261	1.88	1.88	18807	18807
plating	noble metal	silver	7440-22-4	0.168	1.21	1.21	12062	12062
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com