



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSR92P H6327	<b>Issued</b>	12. May 2021
<b>MA#</b>	MA001722452		
<b>Package</b>	PG-SC59-3-3	<b>Weight*</b>	13.78 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	0.008	0.06		572	
	noble metal	gold	7440-57-5	0.031	0.22		2218	
	inorganic material	silicon	7440-21-3	0.346	2.51	2.79	25132	27922
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		1216	
	non noble metal	copper	7440-50-8	5.564	40.38	40.55	403771	405473
wire	non noble metal	copper	7440-50-8	0.008	0.06	0.06	611	611
encapsulation	organic material	carbon black	1333-86-4	0.074	0.54		5351	
	plastics	epoxy resin	-	1.585	11.50		115046	
	inorganic material	silicondioxide	60676-86-0	5.714	41.47	53.51	414703	535100
leadfinish	non noble metal	tin	7440-31-5	0.258	1.87	1.87	18731	18731
plating	noble metal	silver	7440-22-4	0.168	1.22	1.22	12163	12163
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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