



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BCR 185S H6327	<b>Issued</b>	01. May 2021
<b>MA#</b>	MA000848808		
<b>Package</b>	PG-SOT363-6-1	<b>Weight*</b>	6.28 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			8	
	noble metal	gold	7440-57-5	0.005	0.08		798	
	inorganic material	silicon	7440-21-3	0.043	0.68	0.76	6812	7618
chip_2	non noble metal	arsenic	7440-38-2	0.000			8	
	noble metal	gold	7440-57-5	0.005	0.08		798	
	inorganic material	silicon	7440-21-3	0.043	0.68	0.76	6812	7618
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		459	
	non noble metal	chromium	7440-47-3	0.009	0.14		1376	
	non noble metal	copper	7440-50-8	2.869	45.67	45.87	456647	458574
wire	non noble metal	copper	7440-50-8	0.010	0.16	0.16	1595	1595
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4817	
	plastics	epoxy resin	-	0.651	10.36		103568	
	inorganic material	silicondioxide	60676-86-0	2.346	37.33	48.17	373326	481711
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33937	33937
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8947	8947
*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.

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