



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BAR 63-02V H6327	<b>Issued</b>	02. June 2021
<b>MA#</b>	MA001427714		
<b>Package</b>	PG-SC79-2-1	<b>Weight*</b>	1.67 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			18	
	noble metal	gold	7440-57-5	0.003	0.18		1791	
	inorganic material	silicon	7440-21-3	0.026	1.53	1.71	15300	17109
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		92	
	non noble metal	titanium	7440-32-6	0.001	0.05		461	
	non noble metal	chromium	7440-47-3	0.002	0.14		1383	
	non noble metal	copper	7440-50-8	0.767	45.89	46.09	459021	460957
wire	non noble metal	copper	7440-50-8	0.002	0.10	0.10	964	964
encapsulation	organic material	carbon black	1333-86-4	0.007	0.44		4355	
	plastics	epoxy resin	-	0.124	7.40		74036	
	inorganic material	silicondioxide	60676-86-0	0.597	35.71	43.55	357114	435505
leadfinish	non noble metal	tin	7440-31-5	0.055	3.27	3.27	32651	32651
plating	noble metal	silver	7440-22-4	0.088	5.28	5.28	52814	52814
*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