



## Material Content Data Sheet



<b>Sales Product Name</b>		BB 639C E7904		<b>Issued</b>		21. October 2018		
<b>MA#</b>		MA000312373						
<b>Package</b>		PG-SOD323-2-1		<b>Weight*</b>		4.47 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	0.00		11	
	noble metal	gold	7440-57-5	0.005	0.11		1107	
	inorganic material	silicon	7440-21-3	0.042	0.95	1.06	9458	10576
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		62	
	non noble metal	titanium	7440-32-6	0.001	0.03		312	
	non noble metal	chromium	7440-47-3	0.004	0.09		935	
	non noble metal	copper	7440-50-8	1.387	31.03	31.16	310334	311643
wire	noble metal	gold	7440-57-5	0.016	0.37	0.37	3667	3667
	encapsulation	inorganic material	antimonytrioxide	0.032	0.71		7128	
	organic material	carbon black	1333-86-4	0.032	0.71		7128	
	plastics	brominated resin	-	0.078	1.75		17496	
	plastics	epoxy resin	-	0.727	16.26		162650	
	inorganic material	silicondioxide	60676-86-0	2.028	45.37	64.80	453604	648006
leadfinish	non noble metal	tin	7440-31-5	0.076	1.70	1.70	17036	17036
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9072	9072
*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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