



## Material Content Data Sheet



<b>Sales Product Name</b>		BB 639 E7904		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000312364							
<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		13		
	noble metal	gold	7440-57-5	0.006	0.12		1233		
	inorganic material	silicon	7440-21-3	0.047	1.05	1.17	10530	11776	
leadframe	non noble metal	chromium	7440-47-3	0.004	0.09		934		
	inorganic material	silicon	7440-21-3	0.000	0.01		62		
	non noble metal	titanium	7440-32-6	0.001	0.03		311		
	non noble metal	copper	7440-50-8	1.387	31.01	31.14	310105	311412	
wire	noble metal	gold	7440-57-5	0.018	0.41	0.41	4088	4088	
	encapsulation	inorganic material	antimonytrioxide	0.032	0.71		7113		
	organic material	carbon black	1333-86-4	0.032	0.71		7113		
	plastics	brominated resin	-	0.078	1.75		17459		
	plastics	epoxy resin	-	0.726	16.23		162306		
	inorganic material	silicondioxide	60676-86-0	2.025	45.27	64.67	452645	646636	
leadfinish	non noble metal	tin	7440-31-5	0.076	1.70	1.70	17023	17023	
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9065	9065	
*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.
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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

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