



## Material Content Data Sheet



<b>Sales Product Name</b>		BCR 503 E6327		<b>Issued</b>		27. September 2017			
<b>MA#</b>		MA000239163							
<b>Package</b>		PG-SOT23-3-4		<b>Weight*</b>		9.08 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		15		
	noble metal	gold	7440-57-5	0.013	0.14		1439		
	inorganic material	silicon	7440-21-3	0.112	1.23	1.37	12288	13742	
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		996		
	inorganic material	silicon	7440-21-3	0.001	0.01		66		
	non noble metal	titanium	7440-32-6	0.003	0.03		332		
	non noble metal	copper	7440-50-8	3.001	33.05	33.19	330522	331916	
wire	noble metal	gold	7440-57-5	0.017	0.18	0.18	1844	1844	
	encapsulation	organic material	carbon black	0.091	1.00		10006		
		inorganic material	antimonytrioxide	0.136	1.50		15009		
		plastics	brominated resin	-	0.170	1.88	18762		
		plastics	epoxy resin	-	1.419	15.63	156347		
		inorganic material	silicondioxide	60676-86-0	3.861	42.54	62.55	425265	625389
leadfinish	non noble metal	tin	7440-31-5	0.136	1.50	1.50	15026	15026	
plating	noble metal	silver	7440-22-4	0.110	1.21	1.21	12083	12083	
*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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