



Material Content Data Sheet



Sales Product Name		BCR 523 E6327		Issued		25. September 2017		
MA#		MA000239167						
Package		PG-SOT23-3-4		Weight*		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	12287	13741
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	330493	331887
wire	noble metal	gold	7440-57-5	0.018	0.19	0.19	1939	1939
encapsulation	organic material	carbon black	1333-86-4	0.091	1.00		10005	
	inorganic material	antimonytrioxide	1309-64-4	0.136	1.50		15008	
	plastics	brominated resin	-	0.170	1.88		18760	
	plastics	epoxy resin	-	1.419	15.63		156331	
	inorganic material	silicondioxide	60676-86-0	3.861	42.53	62.54	425222	625326
leadfinish	non noble metal	tin	7440-31-5	0.136	1.50	1.50	15025	15025
plating	noble metal	silver	7440-22-4	0.110	1.21	1.21	12082	12082
*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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