



Material Content Data Sheet



Sales Product Name		BCR 205W H6327		Issued		26. September 2017		
MA#		MA000887528						
Package		PG-SOT343-4-1		Weight*		6.75 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	0.010	0.15		1466	
	inorganic material	silicon	7440-21-3	0.079	1.16	1.31	11626	13107
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		498	
	non noble metal	chromium	7440-47-3	0.010	0.15		1493	
	non noble metal	copper	7440-50-8	3.347	49.56	49.77	495674	497765
wire	non noble metal	copper	7440-50-8	0.010	0.14	0.14	1415	1415
encapsulation	organic material	carbon black	1333-86-4	0.030	0.45		4484	
	plastics	epoxy resin	-	0.651	9.64		96402	
	inorganic material	silicondioxide	60676-86-0	2.347	34.75	44.84	347496	448382
leadfinish	non noble metal	tin	7440-31-5	0.202	2.99	2.99	29872	29872
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9459	9459
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com