



Material Content Data Sheet



Sales Product Name	BCR 505 E6327	Issued	28. April 2021
MA#	MA000238828		
Package	PG-SOT23-3-5	Weight*	9.37 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			14	
	noble metal	gold	7440-57-5	0.013	0.14		1394	
	inorganic material	silicon	7440-21-3	0.112	1.19	1.33	11906	13314
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		64	
	non noble metal	titanium	7440-32-6	0.003	0.03		322	
	non noble metal	chromium	7440-47-3	0.009	0.10		965	
	non noble metal	copper	7440-50-8	3.000	32.02	32.16	320197	321548
wire	noble metal	gold	7440-57-5	0.016	0.17	0.17	1715	1715
encapsulation	organic material	carbon black	1333-86-4	0.046	0.49		4937	
	plastics	brominated resin	-	0.058	0.62		6171	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.23		12342	
	plastics	epoxy resin	-	1.052	11.23		112312	
	inorganic material	silicondioxide	60676-86-0	4.510	48.13	61.70	481339	617101
leadfinish	non noble metal	tin	7440-31-5	0.150	1.60	1.60	15969	15969
plating	noble metal	silver	7440-22-4	0.284	3.04	3.04	30353	30353
*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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