



Material Content Data Sheet



Sales Product Name	BCR 450 E6327	Issued	11. May 2021
MA#	MA001663846		
Package	PG-SC74-6-4	Weight*	13.04 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.010	0.08		760	
	noble metal	gold	7440-57-5	0.038	0.29		2946	
	inorganic material	silicon	7440-21-3	0.469	3.60	3.97	35955	39661
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		85	
	non noble metal	titanium	7440-32-6	0.006	0.04		427	
	non noble metal	chromium	7440-47-3	0.017	0.13		1281	
	non noble metal	copper	7440-50-8	5.548	42.51	42.69	425327	427120
wire	noble metal	gold	7440-57-5	0.039	0.30	0.30	2960	2960
encapsulation	organic material	carbon black	1333-86-4	0.052	0.40		3960	
	plastics	brominated resin	-	0.065	0.50		4950	
	inorganic material	antimonytrioxide	1309-64-4	0.129	0.99		9900	
	plastics	epoxy resin	-	1.369	10.49		104941	
	inorganic material	silicondioxide	60676-86-0	4.843	37.13	49.51	371254	495005
leadfinish	non noble metal	tin	7440-31-5	0.299	2.30	2.30	22956	22956
plating	noble metal	silver	7440-22-4	0.160	1.23	1.23	12298	12298
*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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