Material Content Data Sheet

RoHS **Halogen-Free**

Sales Product Name	BCR601		Issued	26. July 2021
MA#	MA002790566			
Package	PG-DSO-8-47		Weight*	80.21 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.404	0.50	0.50	5042	5042
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		105	
	non noble metal	zinc	7440-66-6	0.034	0.04		420	
	non noble metal	iron	7439-89-6	0.673	0.84		8391	
	non noble metal	copper	7440-50-8	27.330	34.07	34.96	340716	349632
wires	noble metal	palladium	7440-05-3	0.001			11	
	non noble metal	copper	7440-50-8	0.087	0.11	0.11	1090	1101
encapsulation	organic material	carbon black	1333-86-4	0.152	0.19		1889	
	plastics	epoxy resin	-	4.899	6.11		61072	
	inorganic material	silicondioxide	60676-86-0	45.453	56.68	62.98	566643	629604
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10146	10146
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1117	1117
glue	plastics	acrylic resin	-	0.059	0.07		739	
	noble metal	silver	7440-22-4	0.210	0.26	0.33	2619	3358
*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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