



## Material Content Data Sheet



<b>Sales Product Name</b>		BCR 430U		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001710226						
<b>Package</b>		PG-SOT23-6-1		<b>Weight*</b>		18.51 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	0.316	1.71	1.71	17059	17059
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		118	
	non noble metal	zinc	7440-66-6	0.009	0.05		472	
	non noble metal	iron	7439-89-6	0.175	0.94		9442	
wire	non noble metal	copper	7440-50-8	7.097	38.34	39.34	383394	393426
	noble metal	gold	7440-57-5	0.049	0.27	0.27	2671	2671
	encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1080
encapsulation	plastics	epoxy resin	-	1.530	8.27		82657	
	inorganic material	silicondioxide	60676-86-0	8.450	45.65	54.03	456502	540239
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25110	25110
plating	noble metal	silver	7440-22-4	0.167	0.90	0.90	9026	9026
glue	plastics	acrylic resin	-	0.051	0.27		2743	
	noble metal	silver	7440-22-4	0.180	0.97	1.24	9726	12469
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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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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