



## Material Content Data Sheet



<b>Sales Product Name</b>		BCR 430U		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001710226						
<b>Package</b>		PG-SOT23-6-1		<b>Weight*</b>		18.52 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	17054	17054
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		9439	
wire	non noble metal	copper	7440-50-8	7.097	38.33	39.33	383283	393312
	noble metal	gold	7440-57-5	0.055	0.30	0.30	2993	2993
	encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1080
plastics	plastics	epoxy resin	-	1.530	8.26		82628	
	inorganic material	silicondioxide	60676-86-0	8.449	45.64	54.01	456342	540050
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25103	25103
plating	noble metal	silver	7440-22-4	0.167	0.90	0.90	9023	9023
glue	plastics	acrylic resin	-	0.051	0.27		2742	
	noble metal	silver	7440-22-4	0.180	0.97	1.24	9723	12465
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

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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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