

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BCR 430U	**Issued**	18. May 2021
MA#	MA005425753		
Package	PG-SOT23-6-3	**Weight***	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	0.410	2.21	2.21	22149	22149
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		9440	
	non noble metal	copper	7440-50-8	7.097	38.33	39.33	383311	393341
wires	noble metal	palladium	7440-05-3	0.000			8	
	non noble metal	copper	7440-50-8	0.015	0.08	0.08	830	838
encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1070	
	plastics	epoxy resin	-	1.515	8.18		81824	
	inorganic material	silicondioxide	60676-86-0	8.367	45.20	53.49	451905	534799
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25105	25105
plating	noble metal	silver	7440-22-4	0.175	0.94	0.94	9432	9432
glue	plastics	acrylic resin	-	0.058	0.32		3154	
	noble metal	silver	7440-22-4	0.207	1.12	1.44	11182	14336
*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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