



Material Content Data Sheet



Halogen-Free

Sales Product Name	BCR602	Issued	26. July 2021
MA#	MA002805580		
Package	PG-SOT23-6-3	Weight*	18.54 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	2.18	2.18	21819	21819
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		9430	
	non noble metal	copper	7440-50-8	7.097	38.29	39.29	382890	392910
wires	noble metal	palladium	7440-05-3	0.000			22	
	non noble metal	copper	7440-50-8	0.040	0.22	0.22	2172	2194
encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1068	
	plastics	epoxy resin	-	1.514	8.17		81710	
	inorganic material	silicondioxide	60676-86-0	8.364	45.13	53.41	451272	534050
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25077	25077
plating	noble metal	silver	7440-22-4	0.175	0.94	0.94	9422	9422
glue	plastics	acrylic resin	-	0.059	0.32		3196	
	noble metal	silver	7440-22-4	0.210	1.13	1.45	11332	14528
*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.
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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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