

Material Content Data Sheet

RoHS

Sales Product Name	BCR 402R E6327	**Issued**	12. May 2021
MA#	MA001704620		
Package	PG-SOT143-4-6	**Weight***	11.09 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			7	
	noble metal	gold	7440-57-5	0.008	0.07		739	
	inorganic material	silicon	7440-21-3	0.070	0.63	0.70	6310	7056
leadframe	non noble metal	nickel	7440-02-0	1.673	15.08		150843	
	non noble metal	iron	7439-89-6	2.310	20.83	35.91	208306	359149
wire	noble metal	gold	7440-57-5	0.027	0.25	0.25	2456	2456
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9351	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.40		14027	
	plastics	brominated resin	-	0.194	1.75		17534	
	plastics	epoxy resin	-	1.620	14.61		146113	
	inorganic material	silicondioxide	60676-86-0	4.407	39.75	58.45	397428	584453
leadfinish	non noble metal	tin	7440-31-5	0.217	1.95	1.95	19533	19533
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27353	27353
*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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