

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BCR 410W H6327	**Issued**	30. June 2021
MA#	MA000843308		
Package	PG-SOT343-4-1	**Weight***	6.76 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			15	
	noble metal	gold	7440-57-5	0.010	0.15		1465	
	inorganic material	silicon	7440-21-3	0.079	1.16	1.31	11617	13097
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		99	
	non noble metal	titanium	7440-32-6	0.003	0.05		497	
	non noble metal	chromium	7440-47-3	0.010	0.15		1492	
	non noble metal	copper	7440-50-8	3.347	49.51	49.72	495293	497381
wire	non noble metal	copper	7440-50-8	0.019	0.29	0.29	2855	2855
encapsulation	organic material	carbon black	1333-86-4	0.030	0.45		4477	
	plastics	epoxy resin	-	0.651	9.63		96263	
	inorganic material	silicondioxide	60676-86-0	2.345	34.70	44.78	346995	447735
leadfinish	non noble metal	tin	7440-31-5	0.199	2.95	2.95	29480	29480
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9452	9452
*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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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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