



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BCR 410W H6327	<b>Issued</b>	30. June 2021
<b>MA#</b>	MA000843308		
<b>Package</b>	PG-SOT343-4-1	<b>Weight*</b>	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:

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Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com