



Material Content Data Sheet



Sales Product Name	BAR 64-03W E6327	Issued	28. April 2021
MA#	MA000302793		
Package	PG-SOD323-2-1	Weight*	4.46 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			8	
	noble metal	gold	7440-57-5	0.003	0.08		771	
	inorganic material	silicon	7440-21-3	0.029	0.66	0.74	6587	7366
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		63	
	non noble metal	titanium	7440-32-6	0.001	0.03		313	
	non noble metal	chromium	7440-47-3	0.004	0.09		938	
	non noble metal	copper	7440-50-8	1.387	31.13	31.26	311255	312569
wire	noble metal	gold	7440-57-5	0.007	0.15	0.15	1460	1460
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.72		7177	
	organic material	carbon black	1333-86-4	0.032	0.72		7177	
	plastics	brominated resin	-	0.079	1.76		17615	
	plastics	epoxy resin	-	0.730	16.38		163757	
	inorganic material	silicondioxide	60676-86-0	2.035	45.65	65.23	456694	652420
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17086	17086
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9099	9099
*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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