



## Material Content Data Sheet



<b>Sales Product Name</b>	BAS 16-03W E6327	<b>Issued</b>	28. April 2021
<b>MA#</b>	MA000312334		
<b>Package</b>	PG-SOD323-2-1	<b>Weight*</b>	4.45 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			4	
	noble metal	gold	7440-57-5	0.002	0.05		454	
	inorganic material	silicon	7440-21-3	0.017	0.39	0.44	3876	4334
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		939	
	non noble metal	copper	7440-50-8	1.387	31.16	31.29	311600	312915
wire	noble metal	gold	7440-57-5	0.005	0.12	0.12	1232	1232
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.72		7208	
	organic material	carbon black	1333-86-4	0.032	0.72		7208	
	plastics	brominated resin	-	0.079	1.77		17693	
	plastics	epoxy resin	-	0.732	16.45		164482	
	inorganic material	silicondioxide	60676-86-0	2.042	45.87	65.53	458714	655305
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17105	17105
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9109	9109
*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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