



Material Content Data Sheet



Sales Product Name	BAS 21-03W E6327	Issued	11. March 2021
MA#	MA000302760		
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			14	
	noble metal	gold	7440-57-5	0.006	0.13		1348	
	inorganic material	silicon	7440-21-3	0.051	1.15	1.28	11511	12873
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		63	
	non noble metal	titanium	7440-32-6	0.001	0.03		312	
	non noble metal	chromium	7440-47-3	0.004	0.09		936	
	non noble metal	copper	7440-50-8	1.387	31.08	31.21	310788	312099
wire	noble metal	gold	7440-57-5	0.006	0.13	0.13	1315	1315
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.71		7123	
	organic material	carbon black	1333-86-4	0.032	0.71		7123	
	plastics	brominated resin	-	0.078	1.75		17484	
	plastics	epoxy resin	-	0.725	16.25		162540	
	inorganic material	silicondioxide	60676-86-0	2.023	45.34	64.76	453297	647567
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17061	17061
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9085	9085
*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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