

Material Content Data Sheet

RoHS

Sales Product Name	BAS 21-03W E6433	**Issued**	11. March 2021
MA#	MA000302762		
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.
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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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