



Material Content Data Sheet



Sales Product Name	BAT 54-03W E6327	Issued	28. April 2021
MA#	MA000444802		
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			7	
	noble metal	gold	7440-57-5	0.003	0.07		672	
	inorganic material	silicon	7440-21-3	0.026	0.57	0.64	5740	6419
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	31.14	31.27	311352	312666
wire	noble metal	gold	7440-57-5	0.006	0.14	0.14	1428	1428
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.72		7186	
	organic material	carbon black	1333-86-4	0.032	0.72		7186	
	plastics	brominated resin	-	0.079	1.76		17639	
	plastics	epoxy resin	-	0.731	16.40		163977	
	inorganic material	silicondioxide	60676-86-0	2.037	45.73	65.33	457306	653294
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17092	17092
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9101	9101
*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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