



Material Content Data Sheet



Sales Product Name	BAT 165 E6327	Issued	28. April 2021
MA#	MA000312341		
Package	PG-SOD323-2-1	Weight*	4.50 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			17	
	noble metal	gold	7440-57-5	0.008	0.17		1698	
	inorganic material	silicon	7440-21-3	0.065	1.45	1.62	14503	16218
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		62	
	non noble metal	titanium	7440-32-6	0.001	0.03		310	
	non noble metal	chromium	7440-47-3	0.004	0.09		929	
	non noble metal	copper	7440-50-8	1.387	30.84	30.97	308369	309670
wire	noble metal	gold	7440-57-5	0.039	0.88	0.88	8770	8770
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.70		7034	
	organic material	carbon black	1333-86-4	0.032	0.70		7034	
	plastics	brominated resin	-	0.078	1.73		17264	
	plastics	epoxy resin	-	0.722	16.05		160489	
	inorganic material	silicondioxide	60676-86-0	2.013	44.76	63.94	447579	639400
leadfinish	non noble metal	tin	7440-31-5	0.076	1.69	1.69	16928	16928
plating	noble metal	silver	7440-22-4	0.041	0.90	0.90	9014	9014
*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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