

Material Content Data Sheet

RoHS

Sales Product Name	BAT 165 E6327	**Issued**	02. June 2021
MA#	MA000962014		
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.
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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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