



Material Content Data Sheet



Sales Product Name	BAS 116 E6327	Issued	28. April 2021
MA#	MA000503740		
Package	PG-SOT23-3-11	Weight*	8.79 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			3	
	noble metal	gold	7440-57-5	0.003	0.03		341	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2909	3253
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	chromium	7440-47-3	0.008	0.09		927	
	non noble metal	copper	7440-50-8	2.704	30.76	30.89	307557	308855
wire	noble metal	gold	7440-57-5	0.007	0.08	0.08	815	815
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6589	
	plastics	brominated resin	-	0.087	0.99		9884	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13178	
	plastics	epoxy resin	-	1.246	14.17		141664	
	inorganic material	silicondioxide	60676-86-0	4.287	48.75	65.89	487589	658904
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17019	17019
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11154	11154
*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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