



Material Content Data Sheet



Sales Product Name	BAS 21 E6327	Issued	28. April 2021
MA#	MA000434396		
Package	PG-SOT23-3-11	Weight*	8.80 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	0.006	0.07		684	
	inorganic material	silicon	7440-21-3	0.051	0.58	0.65	5838	6529
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		926	
	non noble metal	copper	7440-50-8	2.704	30.73	30.86	307271	308568
wire	noble metal	gold	7440-57-5	0.007	0.08	0.08	814	814
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6559	
	plastics	brominated resin	-	0.087	0.98		9839	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13119	
	plastics	epoxy resin	-	1.241	14.10		141028	
	inorganic material	silicondioxide	60676-86-0	4.272	48.55	65.60	485397	655942
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17003	17003
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11144	11144
*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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