



Material Content Data Sheet



Sales Product Name	BAS 170W E6327	Issued	28. April 2021
MA#	MA000302791		
Package	PG-SOD323-2-1	Weight*	4.45 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	5741	6420
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	311407	312721
wire	noble metal	gold	7440-57-5	0.005	0.12	0.12	1231	1231
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.72		7188	
	organic material	carbon black	1333-86-4	0.032	0.72		7188	
	plastics	brominated resin	-	0.079	1.76		17643	
	plastics	epoxy resin	-	0.731	16.40		164011	
	inorganic material	silicondioxide	60676-86-0	2.037	45.75	65.35	457400	653430
leadfinish	non noble metal	tin	7440-31-5	0.076	1.71	1.71	17095	17095
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9103	9103
*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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