



Material Content Data Sheet



Sales Product Name	BB 639 E7904	Issued	03. February 2022
MA#	MA000312364		
Package	PG-SOD323-2-1	Weight*	4.47 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			13	
	noble metal	gold	7440-57-5	0.006	0.12		1233	
	inorganic material	silicon	7440-21-3	0.047	1.05	1.17	10530	11776
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		62	
	non noble metal	titanium	7440-32-6	0.001	0.03		311	
	non noble metal	chromium	7440-47-3	0.004	0.09		934	
	non noble metal	copper	7440-50-8	1.387	31.01	31.14	310105	311412
wire	noble metal	gold	7440-57-5	0.018	0.41	0.41	4088	4088
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.71		7113	
	organic material	carbon black	1333-86-4	0.032	0.71		7113	
	plastics	brominated resin	-	0.078	1.75		17459	
	plastics	epoxy resin	-	0.726	16.23		162306	
	inorganic material	silicondioxide	60676-86-0	2.025	45.27	64.67	452645	646636
leadfinish	non noble metal	tin	7440-31-5	0.076	1.70	1.70	17023	17023
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9065	9065
*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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