



Material Content Data Sheet



Sales Product Name	BB 640 E6327	Issued	28. April 2021
MA#	MA000314957		
Package	PG-SOD323-2-1	Weight*	4.48 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		1726	
	inorganic material	silicon	7440-21-3	0.066	1.47	1.64	14744	16487
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		933	
	non noble metal	copper	7440-50-8	1.387	30.96	31.09	309622	310928
wire	noble metal	gold	7440-57-5	0.019	0.43	0.43	4257	4257
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.032	0.71		7065	
	organic material	carbon black	1333-86-4	0.032	0.71		7065	
	plastics	brominated resin	-	0.078	1.73		17341	
	plastics	epoxy resin	-	0.722	16.12		161212	
	inorganic material	silicondioxide	60676-86-0	2.014	44.96	64.23	449597	642280
leadfinish	non noble metal	tin	7440-31-5	0.076	1.70	1.70	16997	16997
plating	noble metal	silver	7440-22-4	0.041	0.91	0.91	9051	9051
*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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