



## Material Content Data Sheet



<b>Sales Product Name</b>	BGX 50A E6327	<b>Issued</b>	01. May 2021
<b>MA#</b>	MA000786408		
<b>Package</b>	PG-SOT143-4-4	<b>Weight*</b>	11.45 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.002	0.02		176	
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685
chip_2	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.002	0.02		176	
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685
chip_3	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.002	0.02		176	
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685
chip_4	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.002	0.02		176	
	inorganic material	silicon	7440-21-3	0.017	0.15	0.17	1507	1685
leadframe	non noble metal	nickel	7440-02-0	1.956	17.08		170807	
	non noble metal	iron	7439-89-6	2.701	23.59	40.67	235876	406683
wire	noble metal	gold	7440-57-5	0.030	0.26	0.26	2620	2620
encapsulation	organic material	carbon black	1333-86-4	0.102	0.89		8893	
	inorganic material	antimonytrioxide	1309-64-4	0.153	1.33		13339	
	plastics	brominated resin	-	0.191	1.67		16674	
	plastics	epoxy resin	-	1.591	13.89		138948	
	inorganic material	silicondioxide	60676-86-0	4.328	37.80	55.58	377940	555794
leadfinish	non noble metal	tin	7440-31-5	0.217	1.89	1.89	18915	18915
plating	noble metal	silver	7440-22-4	0.106	0.92	0.92	9248	9248
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	<a href="http://www.infineon.com">www.infineon.com</a>