



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BGA 123L4 E6327	<b>Issued</b>	02. June 2021
<b>MA#</b>	MA001725126		
<b>Package</b>	PG-TSLP-4-11	<b>Weight*</b>	0.48 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.082	16.99	16.99	169866	169866
bumps	non noble metal	copper	7440-50-8	0.005	0.95	0.95	9459	9459
leadframe	non noble metal	nickel	7440-02-0	0.174	36.15	36.15	361510	361510
encapsulation	organic material	carbon black	1333-86-4	0.001	0.21		2104	
	inorganic material	zink oxide	1314-13-2	0.002	0.42		4209	
	miscellaneous	miscellaneous	-	0.003	0.63		6311	
	plastics	epoxy resin	-	0.022	4.63		46284	
	inorganic material	silicondioxide	60676-86-0	0.174	36.20	42.09	361860	420768
leadfinish	noble metal	gold	7440-57-5	0.006	1.25	1.25	12524	12524
plating	noble metal	silver	7440-22-4	0.010	2.04	2.04	20449	20449
solder	noble metal	silver	7440-22-4	0.000	0.01		119	
	non noble metal	tin	7440-31-5	0.002	0.51	0.52	5084	5203
ubm	non noble metal	tungsten	7440-33-7	0.000			27	
	non noble metal	titanium	7440-32-6	0.000			50	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	144	221
*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.

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