



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGM 15LA12 E6327	Issued	22. April 2022
MA#	MA005713056		
Package	PG-ATSLP-12-1	Weight*	3.65 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.093	2.55	2.55	25472	25472
chip_2	inorganic material	silicon	7440-21-3	0.218	5.96	5.96	59607	59607
bumps	non noble metal	copper	7440-50-8	0.022	0.59	0.59	5902	5902
encapsulation	organic material	carbon black	1333-86-4	0.015	0.40		4024	
	plastics	epoxy resin	-	0.331	9.05		90541	
	inorganic material	silicondioxide	60676-86-0	2.105	57.62	67.07	576112	670677
leadfinish	noble metal	gold	7440-57-5	0.024	0.67		6652	
	non noble metal	nickel	7440-02-0	0.028	0.76	1.43	7586	14238
substrate	organic material	carbon black	1333-86-4	0.001	0.02		250	
	plastics	epoxy resin	-	0.036	0.97		9734	
	inorganic material	silicondioxide	60676-86-0	0.267	7.32		73210	
	non noble metal	copper	7440-50-8	0.444	12.16	20.47	121608	204802
solder	noble metal	silver	7440-22-4	0.000	0.01		75	
	non noble metal	tin	7440-31-5	0.012	0.32	0.33	3172	3247
ubm	non noble metal	tungsten	7440-33-7	0.000			16	
	non noble metal	titanium	7440-32-6	0.000			32	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	89	137
solder resists	inorganic material	silicondioxide	60676-86-0	0.012	0.34		3383	
	inorganic material	bariumsulfate	7727-43-7	0.013	0.34		3422	
	plastics	acrylic resin	-	0.033	0.91	1.59	9113	15918
*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