



Material Content Data Sheet



Sales Product Name		BGS 15MA12 E6327		Issued		22. July 2019		
MA#		MA004221160						
Package		PG-ATSLP-12-4		Weight*		3.65 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	0.218	5.96	5.96	59623	59623
bumps	non noble metal	copper	7440-50-8	0.022	0.59	0.59	5903	5903
encapsulation	organic material	carbon black	1333-86-4	0.013	0.35		3481	
	plastics	epoxy resin	-	0.369	10.09		100935	
leadfinish	inorganic material	silicondioxide	60676-86-0	2.161	59.18	69.62	591686	696102
	noble metal	gold	7440-57-5	0.024	0.67		6654	
substrate	non noble metal	nickel	7440-02-0	0.028	0.76	1.43	7589	14243
	organic material	carbon black	1333-86-4	0.001	0.02		250	
	plastics	epoxy resin	-	0.036	0.97		9736	
	inorganic material	silicondioxide	60676-86-0	0.267	7.32		73229	
solder	non noble metal	copper	7440-50-8	0.444	12.16	20.47	121641	204856
	noble metal	silver	7440-22-4	0.000	0.01		58	
ubm	non noble metal	tin	7440-31-5	0.012	0.32	0.33	3154	3212
	non noble metal	tungsten	7440-33-7	0.000	0.00		16	
solder resists	non noble metal	titanium	7440-32-6	0.000	0.00		32	
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	90	138
	inorganic material	silicondioxide	60676-86-0	0.012	0.34		3384	
	inorganic material	bariumsulfate	7727-43-7	0.013	0.34		3423	
	plastics	acrylic resin	-	0.033	0.91	1.59	9116	15923
*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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