



Material Content Data Sheet



Sales Product Name				BGA V1A10 E6327		Issued		3. July 2019	
MA#				MA001629088					
Package				PG-ATSLP-10-1		Weight*		2.97 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	0.082	2.74	2.74	27441	27441	
chip_2	inorganic material	silicon	7440-21-3	0.178	5.99	5.99	59862	59862	
bumps	non noble metal	copper	7440-50-8	0.016	0.53	0.53	5348	5348	
encapsulation	organic material	carbon black	1333-86-4	0.010	0.34		3408		
	plastics	epoxy resin	-	0.294	9.88		98822		
leadfinish	inorganic material	silicondioxide	60676-86-0	1.721	57.96	68.18	579297	681527	
	noble metal	gold	7440-57-5	0.035	1.17		11725		
substrate	non noble metal	nickel	7440-02-0	0.040	1.34	2.51	13372	25097	
	organic material	carbon black	1333-86-4	0.001	0.02		247		
solder	plastics	epoxy resin	-	0.029	0.96		9637		
	inorganic material	silicondioxide	60676-86-0	0.215	7.25		72484		
ubm	non noble metal	copper	7440-50-8	0.282	9.47	17.70	94749	177117	
	noble metal	silver	7440-22-4	0.000	0.00		35		
solder resists	non noble metal	tin	7440-31-5	0.006	0.19	0.19	1905	1940	
	non noble metal	tungsten	7440-33-7	0.000	0.00		15		
*deviation	non noble metal	titanium	7440-32-6	0.000	0.00		29		
	non noble metal	copper	7440-50-8	0.000	0.01	0.01	81	125	
*deviation	inorganic material	silicondioxide	60676-86-0	0.014	0.46		4578		
	inorganic material	bariumsulfate	7727-43-7	0.014	0.46		4632		
*deviation	plastics	acrylic resin	-	0.037	1.23	2.15	12333	21543	
	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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