



Material Content Data Sheet



Sales Product Name		BGS 15MA12 E6327		Issued		25. January 2018		
MA#		MA001337650						
Package		PG-ATSLP-12-4		Weight*		3.68 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	0.372	10.11	10.11	101100	101100
bumps	non noble metal	copper	7440-50-8	0.022	0.59	0.59	5868	5868
encapsulation	organic material	carbon black	1333-86-4	0.012	0.33		3280	
	plastics	epoxy resin	-	0.350	9.51		95127	
	inorganic material	silicondioxide	60676-86-0	2.049	55.76	65.60	557640	656047
leadfinish	noble metal	gold	7440-57-5	0.024	0.66		6614	
	non noble metal	nickel	7440-02-0	0.028	0.75	1.41	7543	14157
substrate	organic material	carbon black	1333-86-4	0.001	0.02		248	
	plastics	epoxy resin	-	0.036	0.97		9678	
	inorganic material	silicondioxide	60676-86-0	0.267	7.28		72793	
	non noble metal	copper	7440-50-8	0.444	12.09	20.36	120916	203635
ubm	non noble metal	copper	7440-50-8	0.000	0.01		89	
	non noble metal	titanium	7440-32-6	0.000	0.00		32	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.01	16	137
solder	noble metal	silver	7440-22-4	0.000	0.01		74	
	non noble metal	tin	7440-31-5	0.012	0.32	0.33	3154	3228
solder resists	inorganic material	bariumsulfate	7727-43-7	0.013	0.34		3403	
	inorganic material	silicondioxide	60676-86-0	0.012	0.34		3363	
	plastics	acrylic resin	-	0.033	0.91	1.59	9062	15828
*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 München
Internet	www.infineon.com