

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 12PL6 E6327	**Issued**	14. May 2021
MA#	MA002594264		
Package	PG-TSLP-6-4	**Weight***	0.77 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	0.141	18.31	18.31	183083	183083
bumps	non noble metal	copper	7440-50-8	0.033	4.31	4.31	43081	43081
leadframe	non noble metal	nickel	7440-02-0	0.173	22.42	22.42	224239	224239
encapsulation	organic material	carbon black	1333-86-4	0.002	0.25		2522	
	inorganic material	zink oxide	1314-13-2	0.004	0.50		5044	
	miscellaneous	miscellaneous	-	0.006	0.76		7565	
	plastics	epoxy resin	-	0.043	5.55		55482	
	inorganic material	silicondioxide	60676-86-0	0.335	43.37	50.43	433768	504381
leadfinish	noble metal	gold	7440-57-5	0.009	1.20	1.20	11982	11982
plating	noble metal	palladium	7440-05-3	0.003	0.37		3727	
	noble metal	silver	7440-22-4	0.015	1.96	2.33	19566	23293
solder	noble metal	silver	7440-22-4	0.000	0.02		223	
	non noble metal	tin	7440-31-5	0.007	0.95	0.97	9471	9694
ubm	non noble metal	tungsten	7440-33-7	0.000			30	
	non noble metal	titanium	7440-32-6	0.000	0.01		57	
	non noble metal	copper	7440-50-8	0.000	0.02	0.03	160	247
*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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