

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSL314PE H6327	**Issued**	24. June 2021
MA#	MA001189500		
Package	PG-TSOP6-6-4	**Weight***	14.82 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.003	0.02		213	
	noble metal	gold	7440-57-5	0.012	0.08		825	
	inorganic material	silicon	7440-21-3	0.187	1.26	1.36	12590	13628
chip_2	non noble metal	tin	7440-31-5	0.003	0.02		213	
	noble metal	gold	7440-57-5	0.012	0.08		825	
	inorganic material	silicon	7440-21-3	0.187	1.26	1.36	12590	13628
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		95	
	non noble metal	titanium	7440-32-6	0.007	0.05		478	
	non noble metal	chromium	7440-47-3	0.021	0.14		1433	
	non noble metal	copper	7440-50-8	7.048	47.58	47.78	475633	477639
wire	non noble metal	copper	7440-50-8	0.072	0.49	0.49	4887	4887
encapsulation	organic material	carbon black	1333-86-4	0.067	0.45		4537	
	plastics	epoxy resin	-	1.445	9.75		97545	
	inorganic material	silicondioxide	60676-86-0	5.210	35.16	45.36	351617	453699
leadfinish	non noble metal	tin	7440-31-5	0.392	2.65	2.65	26487	26487
plating	noble metal	silver	7440-22-4	0.149	1.00	1.00	10032	10032
*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 Neubiberg
Internet	www.infineon.com