

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSL314PE H6327	**Issued**	24. February 2022
MA#	MA005700182		
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.
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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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