

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSL316C H6327	**Issued**	04. May 2021
MA#	MA001165086		
Package	PG-TSOP6-6-4	**Weight***	14.81 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	0.004	0.03		298	
	noble metal	gold	7440-57-5	0.017	0.12		1155	
	inorganic material	silicon	7440-21-3	0.194	1.31	1.46	13088	14541
chip_2	non noble metal	tin	7440-31-5	0.002	0.01		140	
	noble metal	gold	7440-57-5	0.008	0.05		541	
	inorganic material	silicon	7440-21-3	0.122	0.83	0.89	8259	8940
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96	
	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	475822	477829
wire	non noble metal	copper	7440-50-8	0.078	0.53	0.53	5260	5260
encapsulation	organic material	carbon black	1333-86-4	0.068	0.46		4569	
	plastics	epoxy resin	-	1.455	9.82		98233	
	inorganic material	silicondioxide	60676-86-0	5.245	35.41	45.69	354094	456896
leadfinish	non noble metal	tin	7440-31-5	0.392	2.65	2.65	26498	26498
plating	noble metal	silver	7440-22-4	0.149	1.00	1.00	10036	10036
*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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