



Material Content Data Sheet



Halogen-Free

Sales Product Name	BSL806N H6327	Issued	16. May 2021
MA#	MA005401946		
Package	PG-TSOP6-6-4	Weight*	14.91 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		296	
	noble metal	gold	7440-57-5	0.017	0.11		1147	
	inorganic material	silicon	7440-21-3	0.261	1.75	1.89	17503	18946
chip_2	non noble metal	tin	7440-31-5	0.004	0.03		296	
	noble metal	gold	7440-57-5	0.017	0.11		1147	
	inorganic material	silicon	7440-21-3	0.261	1.75	1.89	17503	18946
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		95	
	non noble metal	titanium	7440-32-6	0.007	0.05		475	
	non noble metal	chromium	7440-47-3	0.021	0.14		1424	
	non noble metal	copper	7440-50-8	7.048	47.28	47.48	472686	474680
wire	non noble metal	copper	7440-50-8	0.139	0.93	0.93	9336	9336
encapsulation	organic material	carbon black	1333-86-4	0.066	0.44		4418	
	plastics	epoxy resin	-	1.416	9.50		94987	
	inorganic material	silicondioxide	60676-86-0	5.105	34.24	44.18	342394	441799
leadfinish	non noble metal	tin	7440-31-5	0.392	2.63	2.63	26323	26323
plating	noble metal	silver	7440-22-4	0.149	1.00	1.00	9970	9970
*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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