



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** ESD103-B1-02ELS E6327

**Issued**

24. June 2021

**MA#** MA001248188

**Package** PG-TSSLP-2-4

**Weight\***

0.21 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	0.000	0.16		1634	
	noble metal	gold	7440-57-5	0.001	0.63		6330	
	inorganic material	silicon	7440-21-3	0.011	5.13	5.92	51341	59305
chip_2	non noble metal	tin	7440-31-5	0.000	0.16		1634	
	noble metal	gold	7440-57-5	0.001	0.63		6330	
	inorganic material	silicon	7440-21-3	0.011	5.13	5.92	51341	59305
leadframe	non noble metal	nickel	7440-02-0	0.108	50.62	50.62	506096	506096
wire	noble metal	gold	7440-57-5	0.003	1.29	1.29	12932	12932
encapsulation	organic material	carbon black	1333-86-4	0.000	0.16		1601	
	inorganic material	zink oxide	1314-13-2	0.001	0.32		3198	
	miscellaneous	miscellaneous	-	0.001	0.48		4799	
	plastics	epoxy resin	-	0.008	3.52		35182	
	inorganic material	silicondioxide	60676-86-0	0.059	27.51	31.99	275067	319847
leadfinish	noble metal	gold	7440-57-5	0.004	1.73	1.73	17268	17268
plating	noble metal	palladium	7440-05-3	0.001	0.60		5989	
	noble metal	gold	7440-57-5	0.004	1.93	2.53	19258	25247
*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