



Material Content Data Sheet



Halogen-Free

Sales Product Name ESD101-B1-02ELS E6327

Issued

24. February 2022

MA# MA005700545

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		1635	
	noble metal	gold	7440-57-5	0.001	0.63		6336	
	inorganic material	silicon	7440-21-3	0.011	5.14	5.93	51383	59354
chip_2	non noble metal	tin	7440-31-5	0.000	0.16		1635	
	noble metal	gold	7440-57-5	0.001	0.63		6336	
	inorganic material	silicon	7440-21-3	0.011	5.14	5.93	51383	59354
leadframe	non noble metal	nickel	7440-02-0	0.108	50.66	50.66	506519	506519
wire	noble metal	gold	7440-57-5	0.003	1.20	1.20	12015	12015
encapsulation	organic material	carbon black	1333-86-4	0.000	0.16		1603	
	inorganic material	zink oxide	1314-13-2	0.001	0.32		3201	
	miscellaneous	miscellaneous	-	0.001	0.48		4803	
	plastics	epoxy resin	-	0.008	3.52		35221	
	inorganic material	silicondioxide	60676-86-0	0.059	27.54	32.02	275380	320208
leadfinish	noble metal	gold	7440-57-5	0.004	1.73	1.73	17282	17282
plating	noble metal	palladium	7440-05-3	0.001	0.60		5994	
	noble metal	gold	7440-57-5	0.004	1.93	2.53	19274	25268
*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