



## Material Content Data Sheet



Halogen-Free

**Sales Product Name** ESD112-B1-02ELS E6327

**Issued**

24. February 2022

**MA#** MA005700128

**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		1636	
	noble metal	gold	7440-57-5	0.001	0.63		6339	
	inorganic material	silicon	7440-21-3	0.011	4.98	5.77	49755	57730
chip_2	non noble metal	tin	7440-31-5	0.000	0.16		1636	
	noble metal	gold	7440-57-5	0.001	0.63		6339	
	inorganic material	silicon	7440-21-3	0.011	4.98	5.77	49755	57730
leadframe	non noble metal	nickel	7440-02-0	0.108	50.69	50.69	506825	506825
wire	noble metal	gold	7440-57-5	0.003	1.19	1.19	11872	11872
encapsulation	organic material	carbon black	1333-86-4	0.000	0.16		1618	
	inorganic material	zink oxide	1314-13-2	0.001	0.32		3231	
	miscellaneous	miscellaneous	-	0.001	0.48		4848	
	plastics	epoxy resin	-	0.008	3.56		35561	
	inorganic material	silicondioxide	60676-86-0	0.059	27.80	32.32	278009	323267
leadfinish	noble metal	gold	7440-57-5	0.004	1.73	1.73	17293	17293
plating	noble metal	palladium	7440-05-3	0.001	0.60		5997	
	noble metal	gold	7440-57-5	0.004	1.93	2.53	19286	25283
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com