



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD113-B1-02ELS E6327	Issued	17. February 2022
MA#	MA005698936		
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		6336	
	inorganic material	silicon	7440-21-3	0.011	5.14	5.93	51389	59361
chip_2	non noble metal	tin	7440-31-5	0.000	0.16		1636	
	noble metal	gold	7440-57-5	0.001	0.63		6336	
	inorganic material	silicon	7440-21-3	0.011	5.14	5.93	51389	59361
leadframe	non noble metal	nickel	7440-02-0	0.108	50.67	50.67	506575	506575
wire	noble metal	gold	7440-57-5	0.003	1.19	1.19	11890	11890
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		4804	
	plastics	epoxy resin	-	0.008	3.52		35230	
	inorganic material	silicondioxide	60676-86-0	0.059	27.54	32.02	275421	320259
leadfinish	noble metal	gold	7440-57-5	0.004	1.73	1.73	17284	17284
plating	noble metal	palladium	7440-05-3	0.001	0.60		5994	
	noble metal	gold	7440-57-5	0.004	1.93	2.53	19276	25270
*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