



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD112-B1-02ELS E6327	Issued	04. May 2021
MA#	MA001190846		
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:

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.
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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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