



Material Content Data Sheet



Sales Product Name		ESD105-B1-02ELS E6327		Issued		19. July 2018		
MA#		MA001165560						
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	non noble metal	tin	7440-31-5	0.000	0.17		1699	
	noble metal	gold	7440-57-5	0.001	0.66		6583	
	inorganic material	silicon	7440-21-3	0.010	4.88	5.71	48791	57073
leadframe	non noble metal	nickel	7440-02-0	0.108	52.62	52.62	526267	526267
wire	noble metal	gold	7440-57-5	0.002	1.19	1.19	11909	11909
	encapsulation	organic material	carbon black	1333-86-4	0.000	0.19		1933
	plastics	epoxy resin	-	0.012	5.61		56055	
		inorganic material	silicondioxide	60676-86-0	0.067	32.86	38.66	328602
leadfinish	noble metal	gold	7440-57-5	0.004	1.80	1.80	17956	17956
plating	noble metal	palladium	7440-05-3	0.000	0.01		78	
		noble metal	gold	7440-57-5	0.000	0.01	0.02	127
*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

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