



Material Content Data Sheet



Sales Product Name				ESD101-B1-02ELS E6327		Issued		1. August 2018	
MA#				MA001482194					
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	0.17		1672		
	noble metal	gold	7440-57-5	0.001	0.65		6479		
	inorganic material	silicon	7440-21-3	0.011	5.25	6.07	52544	60695	
chip_2	non noble metal	tin	7440-31-5	0.000	0.17		1672		
	noble metal	gold	7440-57-5	0.001	0.65		6479		
	inorganic material	silicon	7440-21-3	0.011	5.25	6.07	52544	60695	
leadframe	non noble metal	nickel	7440-02-0	0.108	51.79	51.79	517963	517963	
wire	noble metal	gold	7440-57-5	0.003	1.23	1.23	12287	12287	
encapsulation	organic material	carbon black	1333-86-4	0.000	0.17		1653		
	plastics	epoxy resin	-	0.010	4.79		47920		
	inorganic material	silicondioxide	60676-86-0	0.059	28.09	33.05	280912	330485	
leadfinish	noble metal	gold	7440-57-5	0.004	1.77	1.77	17673	17673	
plating	noble metal	palladium	7440-05-3	0.000	0.01		77		
	noble metal	gold	7440-57-5	0.000	0.01	0.02	125	202	
*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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