



Material Content Data Sheet



Sales Product Name				ESD101-B1-02ELS E6327		Issued		1. August 2018	
MA#				MA001101872					
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		1675		
	noble metal	gold	7440-57-5	0.001	0.65		6487		
	inorganic material	silicon	7440-21-3	0.010	4.81	5.63	48083	56245	
chip_2	non noble metal	tin	7440-31-5	0.000	0.17		1675		
	noble metal	gold	7440-57-5	0.001	0.65		6487		
	inorganic material	silicon	7440-21-3	0.010	4.81	5.63	48083	56245	
leadframe	non noble metal	nickel	7440-02-0	0.108	51.85	51.85	518630	518630	
wire	noble metal	gold	7440-57-5	0.003	1.23	1.23	12303	12303	
encapsulation	organic material	carbon black	1333-86-4	0.000	0.17		1694		
	plastics	epoxy resin	-	0.010	4.91		49109		
	inorganic material	silicondioxide	60676-86-0	0.060	28.79	33.87	287876	338679	
leadfinish	noble metal	gold	7440-57-5	0.004	1.77	1.77	17696	17696	
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

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