



## Material Content Data Sheet



<b>Sales Product Name</b>		ESD103-B1-02EL E6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001247588						
<b>Package</b>		PG-TSLP-2-20		<b>Weight*</b>		0.60 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	0.06		580	
	noble metal	gold	7440-57-5	0.001	0.22		2247	
	inorganic material	silicon	7440-21-3	0.011	1.82	2.10	18227	21054
chip_2	non noble metal	tin	7440-31-5	0.000	0.06		580	
	noble metal	gold	7440-57-5	0.001	0.22		2247	
	inorganic material	silicon	7440-21-3	0.011	1.82	2.10	18227	21054
leadframe	non noble metal	nickel	7440-02-0	0.241	39.99	39.99	399907	399907
wire	noble metal	gold	7440-57-5	0.006	1.00	1.00	9982	9982
encapsulation	organic material	carbon black	1333-86-4	0.002	0.27		2653	
	plastics	epoxy resin	-	0.046	7.69		76924	
	inorganic material	silicondioxide	60676-86-0	0.271	45.10	53.06	450933	530510
leadfinish	noble metal	gold	7440-57-5	0.010	1.73	1.73	17317	17317
plating	noble metal	palladium	7440-05-3	0.000	0.01		68	
	noble metal	gold	7440-57-5	0.000	0.01	0.02	108	176
*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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