



Material Content Data Sheet



Sales Product Name				ESD103-B1-02EL E6327		Issued		19. January 2018	
MA#				MA001247588					
Package				PG-TSLP-2-20		Weight*		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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