



Material Content Data Sheet



Sales Product Name				ESD221-U1-02EL E6327		Issued		19. July 2018	
MA#				MA001228152					
Package				PG-TSLP-2-19		Weight*		0.61 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	0.001	0.09		889		
	noble metal	gold	7440-57-5	0.002	0.35		3451		
	inorganic material	silicon	7440-21-3	0.026	4.21	4.65	42122	46462	
leadframe	non noble metal	nickel	7440-02-0	0.241	39.62	39.62	396231	396231	
wire	non noble metal	copper	7440-50-8	0.002	0.40	0.40	3986	3986	
encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2596		
	plastics	epoxy resin	-	0.046	7.53		75255		
	inorganic material	silicondioxide	60676-86-0	0.268	44.10	51.89	441156	519007	
leadfinish	noble metal	gold	7440-57-5	0.010	1.72	1.72	17157	17157	
plating	noble metal	gold	7440-57-5	0.010	1.72	1.72	17157	17157	
*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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