



Material Content Data Sheet



Sales Product Name				ESD102-U4-05L E6327		Issued		26. September 2017	
MA#				MA001075782					
Package				PG-TSLP-5-2		Weight*		0.94 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	0.15		1481		
	noble metal	gold	7440-57-5	0.005	0.57		5742		
	inorganic material	silicon	7440-21-3	0.040	4.25	4.97	42547	49770	
leadframe	non noble metal	nickel	7440-02-0	0.093	9.86	9.86	98630	98630	
wire	noble metal	gold	7440-57-5	0.017	1.85	1.85	18463	18463	
encapsulation	organic material	carbon black	1333-86-4	0.004	0.40		4014		
	plastics	epoxy resin	-	0.110	11.64		116421		
	inorganic material	silicondioxide	60676-86-0	0.643	68.25	80.29	682466	802901	
leadfinish	noble metal	gold	7440-57-5	0.012	1.29	1.29	12880	12880	
plating	noble metal	silver	7440-22-4	0.016	1.74	1.74	17356	17356	
*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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