



## Material Content Data Sheet



<b>Sales Product Name</b>		ESD102-U4-05L E6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001075782						
<b>Package</b>		PG-TSLP-5-2		<b>Weight*</b>		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.
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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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