

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ESD221-U1-02EL E6327	**Issued**	15. May 2021
MA#	MA005311470		
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		885	
	noble metal	gold	7440-57-5	0.002	0.34		3435	
	inorganic material	silicon	7440-21-3	0.026	4.19	4.62	41927	46247
leadframe	non noble metal	nickel	7440-02-0	0.241	39.44	39.44	394396	394396
wire	non noble metal	copper	7440-50-8	0.003	0.42	0.42	4233	4233
encapsulation	organic material	carbon black	1333-86-4	0.002	0.26		2579	
	inorganic material	zink oxide	1314-13-2	0.003	0.52		5156	
	miscellaneous	miscellaneous	-	0.005	0.77		7735	
	plastics	epoxy resin	-	0.035	5.67		56722	
	inorganic material	silicondioxide	60676-86-0	0.271	44.35	51.57	443464	515656
leadfinish	noble metal	gold	7440-57-5	0.010	1.71	1.71	17078	17078
plating	noble metal	palladium	7440-05-3	0.003	0.53		5312	
	noble metal	gold	7440-57-5	0.010	1.71	2.24	17078	22390
*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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