

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BAR 90-02EL E6327	**Issued**	15. May 2021
MA#	MA005337194		
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	0.000	0.06		574	
	noble metal	gold	7440-57-5	0.001	0.22		2224	
	inorganic material	silicon	7440-21-3	0.017	2.72	3.00	27153	29951
leadframe	non noble metal	nickel	7440-02-0	0.241	39.57	39.57	395748	395748
wire	non noble metal	copper	7440-50-8	0.003	0.43	0.43	4297	4297
encapsulation	organic material	carbon black	1333-86-4	0.002	0.27		2652	
	inorganic material	zink oxide	1314-13-2	0.003	0.53		5304	
	miscellaneous	miscellaneous	-	0.005	0.80		7955	
	plastics	epoxy resin	-	0.035	5.83		58345	
	inorganic material	silicondioxide	60676-86-0	0.277	45.62	53.05	456146	530402
leadfinish	noble metal	gold	7440-57-5	0.010	1.71	1.71	17136	17136
plating	noble metal	palladium	7440-05-3	0.003	0.53		5330	
	noble metal	gold	7440-57-5	0.010	1.71	2.24	17136	22466
*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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