



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAS 40-02L E6327	Issued	11. April 2021
MA#	MA001789470		
Package	PG-TSLP-2-1	Weight*	0.52 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	0.10		1046	
	noble metal	gold	7440-57-5	0.002	0.41		4057	
	inorganic material	silicon	7440-21-3	0.026	4.95	5.46	49524	54627
leadframe	non noble metal	nickel	7440-02-0	0.100	19.41	19.41	194111	194111
wire	noble metal	gold	7440-57-5	0.006	1.10	1.10	10992	10992
encapsulation	organic material	carbon black	1333-86-4	0.004	0.70		7030	
	inorganic material	zinc oxide	1314-13-2	0.004	0.70		7030	
	miscellaneous	miscellaneous	-	0.011	2.11		21087	
	plastics	epoxy resin	-	0.044	8.44		84350	
	inorganic material	silicon dioxide	60676-86-0	0.301	58.34	70.29	583417	702914
lead finish	noble metal	gold	7440-57-5	0.010	1.87	1.87	18678	18678
plating	noble metal	gold	7440-57-5	0.010	1.87	1.87	18678	18678
*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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