

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BAS 3005S-02LRH E6327	**Issued**	08. April 2022
MA#	MA005709568		
Package	PG-TSLP-2-17	**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	0.15		1520	
	noble metal	gold	7440-57-5	0.004	0.59		5897	
	inorganic material	silicon	7440-21-3	0.044	7.20	7.94	71978	79395
leadframe	non noble metal	nickel	7440-02-0	0.138	22.57	22.57	225733	225733
wire	noble metal	gold	7440-57-5	0.006	1.01	1.01	10064	10064
encapsulation	organic material	carbon black	1333-86-4	0.004	0.64		6384	
	inorganic material	zincoxide	1314-13-2	0.004	0.64		6384	
	miscellaneous	miscellaneous	-	0.012	1.92		19151	
	plastics	epoxy resin	-	0.047	7.66		76607	
	inorganic material	silicondioxide	60676-86-0	0.324	52.98	63.84	529871	638397
leadfinish	noble metal	gold	7440-57-5	0.010	1.58	1.58	15765	15765
plating	noble metal	palladium	7440-05-3	0.003	0.49		4903	
	noble metal	silver	7440-22-4	0.016	2.57	3.06	25743	30646
*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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