

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BC 857BL3 E6327	**Issued**	08. April 2022
MA#	MA005711642		
Package	PG-TSLP-3-1	**Weight***	0.55 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		1501	
	noble metal	gold	7440-57-5	0.003	0.58		5821	
	inorganic material	silicon	7440-21-3	0.039	7.11	7.84	71051	78373
leadframe	non noble metal	nickel	7440-02-0	0.071	12.94	12.94	129382	129382
wire	noble metal	gold	7440-57-5	0.011	2.03	2.03	20318	20318
encapsulation	organic material	carbon black	1333-86-4	0.004	0.74		7395	
	inorganic material	zincoxide	1314-13-2	0.004	0.74		7395	
	miscellaneous	miscellaneous	-	0.012	2.22		22186	
	plastics	epoxy resin	-	0.049	8.87		88747	
	inorganic material	silicondioxide	60676-86-0	0.338	61.38	73.95	613838	739561
leadfinish	noble metal	gold	7440-57-5	0.008	1.40	1.40	14005	14005
plating	noble metal	palladium	7440-05-3	0.002	0.44		4356	
	noble metal	gold	7440-57-5	0.008	1.40	1.84	14005	18361
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com