



## Material Content Data Sheet



<b>Sales Product Name</b>	BC 857C E6327	<b>Issued</b>	28. April 2021
<b>MA#</b>	MA000438358		
<b>Package</b>	PG-SOT23-3-11	<b>Weight*</b>	8.80 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.005	0.05		521	
	inorganic material	silicon	7440-21-3	0.039	0.44	0.49	4447	4973
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	chromium	7440-47-3	0.008	0.09		926	
	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307225	308522
wire	noble metal	gold	7440-57-5	0.013	0.15	0.15	1468	1468
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6569	
	plastics	brominated resin	-	0.087	0.99		9853	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13138	
	plastics	epoxy resin	-	1.243	14.12		141232	
	inorganic material	silicondioxide	60676-86-0	4.279	48.62	65.70	486103	656895
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17000	17000
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11142	11142
*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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