



Material Content Data Sheet



Sales Product Name		BC 857B E6327		Issued		27. September 2017		
MA#		MA000438356						
Package		PG-SOT23-3-11		Weight*		8.80 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.005	0.05		521	
	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	inorganic material	silicon	7440-21-3	0.039	0.44	0.49	4447	4973
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		926	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
wire	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307225	308522
	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
encapsulation	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.
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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