



Material Content Data Sheet



Sales Product Name		BC 817SU E6327		Issued		25. September 2017		
MA#		MA000955308						
Package		PG-SC74-6-3		Weight*		12.53 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	0.007	0.06		564	
	non noble metal	arsenic	7440-38-2	0.000	0.00		6	
	inorganic material	silicon	7440-21-3	0.060	0.48	0.54	4814	5384
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		82	
	non noble metal	titanium	7440-32-6	0.005	0.04		408	
	non noble metal	chromium	7440-47-3	0.015	0.12		1224	
	non noble metal	copper	7440-50-8	5.090	40.62	40.79	406243	407957
wire	noble metal	gold	7440-57-5	0.023	0.18	0.18	1829	1829
encapsulation	organic material	carbon black	1333-86-4	0.055	0.44		4403	
	plastics	brominated resin	-	0.069	0.55		5504	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.10		11008	
	plastics	epoxy resin	-	1.462	11.67		116684	
	inorganic material	silicondioxide	60676-86-0	5.172	41.29	55.05	412799	550398
leadfinish	non noble metal	tin	7440-31-5	0.299	2.39	2.39	23901	23901
plating	noble metal	silver	7440-22-4	0.132	1.05	1.05	10531	10531
*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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