



Material Content Data Sheet



Sales Product Name	BC 817SU E6327	Issued	03. May 2021
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	non noble metal	arsenic	7440-38-2	0.000			6	
	noble metal	gold	7440-57-5	0.007	0.06		564	
	inorganic material	silicon	7440-21-3	0.060	0.48	0.54	4815	5385
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	40.63	40.80	406274	407988
wire	noble metal	gold	7440-57-5	0.022	0.17	0.17	1744	1744
encapsulation	organic material	carbon black	1333-86-4	0.055	0.44		4404	
	plastics	brominated resin	-	0.069	0.55		5504	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.10		11009	
	plastics	epoxy resin	-	1.462	11.67		116695	
	inorganic material	silicondioxide	60676-86-0	5.172	41.29	55.05	412836	550448
leadfinish	non noble metal	tin	7440-31-5	0.299	2.39	2.39	23903	23903
plating	noble metal	silver	7440-22-4	0.132	1.05	1.05	10532	10532
*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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