



Material Content Data Sheet



Sales Product Name	BC 817U E6327	Issued	02. June 2021
MA#	MA000959894		
Package	PG-SC74-6-1	Weight*	12.25 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			11	
	noble metal	gold	7440-57-5	0.013	0.10		1049	
	inorganic material	silicon	7440-21-3	0.110	0.90	1.00	8957	10017
chip_2	non noble metal	arsenic	7440-38-2	0.000			11	
	noble metal	gold	7440-57-5	0.013	0.10		1049	
	inorganic material	silicon	7440-21-3	0.110	0.90	1.00	8957	10017
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		381	
	non noble metal	chromium	7440-47-3	0.014	0.11		1142	
	non noble metal	copper	7440-50-8	4.643	37.90	38.06	378994	380593
wire	noble metal	gold	7440-57-5	0.029	0.23	0.23	2344	2344
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4510	
	plastics	brominated resin	-	0.069	0.56		5638	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11276	
	plastics	epoxy resin	-	1.464	11.95		119528	
	inorganic material	silicondioxide	60676-86-0	5.180	42.30	56.39	422858	563810
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24442	24442
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8777	8777
*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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