



Material Content Data Sheet



Sales Product Name	BC 807U E6327	Issued	03. May 2021
MA#	MA000929926		
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	8958	10018
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	8958	10018
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	379012	380611
wire	noble metal	gold	7440-57-5	0.028	0.23	0.23	2290	2290
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4511	
	plastics	brominated resin	-	0.069	0.56		5638	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11277	
	plastics	epoxy resin	-	1.464	11.95		119535	
	inorganic material	silicondioxide	60676-86-0	5.180	42.30	56.39	422881	563842
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24443	24443
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8778	8778
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com