



Material Content Data Sheet



Sales Product Name	BCR 523U E6327	Issued	03. May 2021
MA#	MA000929918		
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	0.11		1066	
	inorganic material	silicon	7440-21-3	0.112	0.91	1.02	9107	10184
chip_2	non noble metal	arsenic	7440-38-2	0.000			11	
	noble metal	gold	7440-57-5	0.013	0.11		1066	
	inorganic material	silicon	7440-21-3	0.112	0.91	1.02	9107	10184
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	379032	380631
wire	noble metal	gold	7440-57-5	0.026	0.21	0.21	2136	2136
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4509	
	plastics	brominated resin	-	0.069	0.56		5636	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11273	
	plastics	epoxy resin	-	1.464	11.95		119492	
	inorganic material	silicondioxide	60676-86-0	5.178	42.28	56.37	422732	563642
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24445	24445
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.
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.

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