

Material Content Data Sheet

RoHS

Sales Product Name	BCR 405U E6327	**Issued**	05. April 2021
MA#	MA001663806		
Package	PG-SC74-6-3	**Weight***	12.55 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			11	
	noble metal	gold	7440-57-5	0.014	0.11		1077	
	inorganic material	silicon	7440-21-3	0.115	0.92	1.03	9198	10286
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		81	
	non noble metal	titanium	7440-32-6	0.005	0.04		407	
	non noble metal	chromium	7440-47-3	0.015	0.12		1222	
	non noble metal	copper	7440-50-8	5.090	40.56	40.73	405618	407328
wire	noble metal	gold	7440-57-5	0.026	0.21	0.21	2072	2072
encapsulation	organic material	carbon black	1333-86-4	0.055	0.44		4367	
	plastics	brominated resin	-	0.069	0.55		5459	
	inorganic material	antimonytrioxide	1309-64-4	0.137	1.09		10919	
	plastics	epoxy resin	-	1.452	11.57		115738	
	inorganic material	silicondioxide	60676-86-0	5.138	40.94	54.59	409452	545935
leadfinish	non noble metal	tin	7440-31-5	0.299	2.39	2.39	23864	23864
plating	noble metal	silver	7440-22-4	0.132	1.05	1.05	10515	10515
*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