

Material Content Data Sheet

RoHS

Sales Product Name	BCR 321U E6327	**Issued**	18. August 2021
MA#	MA001663820		
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	405646	407356
wire	noble metal	gold	7440-57-5	0.025	0.20	0.20	1994	1994
encapsulation	organic material	carbon black	1333-86-4	0.055	0.44		4368	
	plastics	brominated resin	-	0.069	0.55		5460	
	inorganic material	antimonytrioxide	1309-64-4	0.137	1.09		10920	
	plastics	epoxy resin	-	1.452	11.57		115748	
	inorganic material	silicondioxide	60676-86-0	5.138	40.95	54.60	409486	545982
leadfinish	non noble metal	tin	7440-31-5	0.299	2.39	2.39	23866	23866
plating	noble metal	silver	7440-22-4	0.132	1.05	1.05	10516	10516
*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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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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