



Material Content Data Sheet



Sales Product Name	BCR 420U E6433	Issued	05. April 2021
MA#	MA001724246		
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	9199	10287
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	40.57	40.74	405652	407362
wire	noble metal	gold	7440-57-5	0.025	0.20	0.20	1978	1978
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	11.58		115750	
	inorganic material	silicondioxide	60676-86-0	5.138	40.93	54.59	409493	545991
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.
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.

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