



Material Content Data Sheet



Sales Product Name		BCR 405U E6327		Issued		25. January 2018		
MA#		MA001663806						
Package		PG-SC74-6-3		Weight*		12.59 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	0.00		11	
	noble metal	gold	7440-57-5	0.014	0.11		1073	
	inorganic material	siliconcarbide	409-21-2	0.159	1.26	1.37	12628	13712
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		81	
	non noble metal	titanium	7440-32-6	0.005	0.04		406	
	non noble metal	chromium	7440-47-3	0.015	0.12		1218	
	non noble metal	copper	7440-50-8	5.090	40.42	40.59	404214	405919
wire	noble metal	gold	7440-57-5	0.026	0.21	0.21	2065	2065
encapsulation	organic material	carbon black	1333-86-4	0.055	0.44		4352	
	plastics	brominated resin	-	0.069	0.54		5440	
	inorganic material	antimonytrioxide	1309-64-4	0.137	1.09		10881	
	plastics	epoxy resin	-	1.452	11.53		115337	
	inorganic material	silicondioxide	60676-86-0	5.138	40.80	54.40	408033	544043
leadfinish	non noble metal	tin	7440-31-5	0.299	2.38	2.38	23782	23782
plating	noble metal	silver	7440-22-4	0.132	1.05	1.05	10479	10479
*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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