



Material Content Data Sheet



Sales Product Name		BCR 523U E6327		Issued		25. September 2017		
MA#		MA000929918						
Package		PG-SC74-6-1		Weight*		12.24 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	0.013	0.11		1067	
	inorganic material	silicon	7440-21-3	0.223	1.82	1.93	18232	19310
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		1143	
	non noble metal	copper	7440-50-8	4.643	37.94	38.10	379395	380995
wire	noble metal	gold	7440-57-5	0.026	0.22	0.22	2153	2153
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4514	
	plastics	brominated resin	-	0.069	0.56		5643	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11286	
	plastics	epoxy resin	-	1.464	11.96		119629	
	inorganic material	silicondioxide	60676-86-0	5.179	42.32	56.42	423215	564287
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24468	24468
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8787	8787
*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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