



Material Content Data Sheet



Sales Product Name		BCR 523U E6327		Issued		31. July 2018		
MA#		MA000929918						
Package		PG-SC74-6-1		Weight*		12.25 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000	0.00		11	
	noble metal	gold	7440-57-5	0.013	0.11		1066	
	inorganic material	silicon	7440-21-3	0.112	0.91	1.02	9107	10184
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		11	
	noble metal	gold	7440-57-5	0.013	0.11		1066	
	inorganic material	silicon	7440-21-3	0.112	0.91	1.02	9107	10184
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		1142	
	non noble metal	copper	7440-50-8	4.643	37.90	38.06	379032	380631
wire	noble metal	gold	7440-57-5	0.026	0.21	0.21	2136	2136
encapsulation	organic material	carbon black	1333-86-4	0.055	0.45		4509	
	plastics	brominated resin	-	0.069	0.56		5636	
	inorganic material	antimonytrioxide	1309-64-4	0.138	1.13		11273	
	plastics	epoxy resin	-	1.464	11.95		119492	
	inorganic material	silicondioxide	60676-86-0	5.178	42.28	56.37	422732	563642
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24445	24445
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8778	8778
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

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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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