



Material Content Data Sheet



Sales Product Name		BC 856U E6327		Issued		25. September 2017		
MA#		MA000930128						
Package		PG-SC74-6-1		Weight*		12.21 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.009	0.08		751	
	non noble metal	arsenic	7440-38-2	0.000	0.00		8	
	inorganic material	silicon	7440-21-3	0.078	0.64	0.72	6414	7173
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		382	
	non noble metal	chromium	7440-47-3	0.014	0.11		1146	
	non noble metal	copper	7440-50-8	4.643	38.04	38.20	380375	381979
wire	noble metal	gold	7440-57-5	0.026	0.22	0.22	2159	2159
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4603	
	plastics	brominated resin	-	0.070	0.58		5753	
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.15		11507	
	plastics	epoxy resin	-	1.489	12.20		121974	
	inorganic material	silicondioxide	60676-86-0	5.267	43.14	57.53	431512	575349
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24531	24531
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8809	8809
*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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