



Material Content Data Sheet



Sales Product Name		BAS 21U E6327		Issued		31. July 2018		
MA#		MA001040880						
Package		PG-SC74-6-2		Weight*		12.21 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		5	
	noble metal	gold	7440-57-5	0.006	0.05		493	
	inorganic material	silicon	7440-21-3	0.051	0.42	0.47	4207	4705
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.006	0.05		493	
	inorganic material	silicon	7440-21-3	0.051	0.42	0.47	4207	4705
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.006	0.05		493	
	inorganic material	silicon	7440-21-3	0.051	0.42	0.47	4207	4705
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		380	
	non noble metal	chromium	7440-47-3	0.014	0.11		1141	
	non noble metal	copper	7440-50-8	4.627	37.89	38.05	378859	380456
wire	noble metal	gold	7440-57-5	0.018	0.15	0.15	1477	1477
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4562	
	plastics	brominated resin	-	0.070	0.57		5702	
	inorganic material	antimonytrioxide	1309-64-4	0.139	1.14		11405	
	plastics	epoxy resin	-	1.476	12.09		120892	
	inorganic material	silicondioxide	60676-86-0	5.223	42.76	57.02	427684	570245
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24518	24518
plating	noble metal	silver	7440-22-4	0.112	0.92	0.92	9189	9189
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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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