



Material Content Data Sheet



Sales Product Name	BAS 4002A RPP E6327	Issued	01. May 2021
MA#	MA000787204		
Package	PG-SOT143-4-10	Weight*	11.85 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			3	
	noble metal	gold	7440-57-5	0.003	0.03		253	
	inorganic material	silicon	7440-21-3	0.026	0.22	0.25	2159	2415
chip_2	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.003	0.03		253	
	inorganic material	silicon	7440-21-3	0.026	0.22	0.25	2159	2415
chip_3	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.003	0.03		253	
	inorganic material	silicon	7440-21-3	0.026	0.22	0.25	2159	2415
chip_4	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.003	0.03		253	
	inorganic material	silicon	7440-21-3	0.026	0.22	0.25	2159	2415
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		84	
	non noble metal	titanium	7440-32-6	0.005	0.04		422	
	non noble metal	chromium	7440-47-3	0.015	0.13		1267	
	non noble metal	copper	7440-50-8	4.981	42.01	42.19	420440	422213
wire	noble metal	gold	7440-57-5	0.036	0.30	0.30	3010	3010
encapsulation	organic material	carbon black	1333-86-4	0.102	0.86		8584	
	inorganic material	antimonytrioxide	1309-64-4	0.153	1.29		12877	
	plastics	brominated resin	-	0.191	1.61		16096	
	plastics	epoxy resin	-	1.589	13.41		134131	
	inorganic material	silicondioxide	60676-86-0	4.322	36.48	53.65	364836	536524
leadfinish	non noble metal	tin	7440-31-5	0.217	1.83	1.83	18283	18283
plating	noble metal	silver	7440-22-4	0.122	1.03	1.03	10310	10310
*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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