



Material Content Data Sheet



Sales Product Name	BAS 70-04S H6327			Issued		23. January 2020		
MA#	MA000844142							
Package	PG-SOT363-6-3			Weight*		6.47 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	0.003	0.05		463	
	inorganic material	silicon	7440-21-3	0.026	0.40	0.45	3951	4419
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.003	0.05		463	
	inorganic material	silicon	7440-21-3	0.026	0.40	0.45	3951	4419
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.003	0.05		463	
	inorganic material	silicon	7440-21-3	0.026	0.40	0.45	3951	4419
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		5	
	noble metal	gold	7440-57-5	0.003	0.05		463	
	inorganic material	silicon	7440-21-3	0.026	0.40	0.45	3951	4419
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96	
	non noble metal	titanium	7440-32-6	0.003	0.05		480	
	non noble metal	chromium	7440-47-3	0.009	0.14		1439	
	non noble metal	copper	7440-50-8	3.093	47.75	47.95	477808	479823
wire	non noble metal	copper	7440-50-8	0.010	0.15	0.15	1470	1470
encapsulation	organic material	carbon black	1333-86-4	0.030	0.46		4579	
	plastics	epoxy resin	-	0.637	9.84		98445	
	inorganic material	silicondioxide	60676-86-0	2.297	35.49	45.79	354860	457884
leadfinish	non noble metal	tin	7440-31-5	0.213	3.29	3.29	32943	32943
plating	noble metal	silver	7440-22-4	0.066	1.02	1.02	10204	10204
*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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