



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAS 16S H6327	Issued	01. May 2021
MA#	MA000845486		
Package	PG-SOT363-6-3	Weight*	6.46 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	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2673	2989
chip_2	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2673	2989
chip_3	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2673	2989
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96	
	non noble metal	titanium	7440-32-6	0.003	0.05		481	
	non noble metal	chromium	7440-47-3	0.009	0.14		1443	
	non noble metal	copper	7440-50-8	3.093	47.91	48.11	479081	481101
wire	non noble metal	copper	7440-50-8	0.007	0.11	0.11	1078	1078
encapsulation	organic material	carbon black	1333-86-4	0.030	0.47		4656	
	plastics	epoxy resin	-	0.646	10.01		100102	
	inorganic material	silicondioxide	60676-86-0	2.329	36.08	46.56	360834	465592
leadfinish	non noble metal	tin	7440-31-5	0.213	3.30	3.30	33030	33030
plating	noble metal	silver	7440-22-4	0.066	1.02	1.02	10232	10232
*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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