



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAS 40-05W H6327	Issued	01. May 2021
MA#	MA000845510		
Package	PG-SOT323-3-1	Weight*	5.96 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			5	
	noble metal	gold	7440-57-5	0.003	0.05		502	
	inorganic material	silicon	7440-21-3	0.026	0.43	0.48	4289	4796
chip_2	non noble metal	arsenic	7440-38-2	0.000			5	
	noble metal	gold	7440-57-5	0.003	0.05		502	
	inorganic material	silicon	7440-21-3	0.026	0.43	0.48	4289	4796
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		441	
	non noble metal	chromium	7440-47-3	0.008	0.13		1322	
	non noble metal	copper	7440-50-8	2.617	43.89	44.07	438930	440781
wire	non noble metal	copper	7440-50-8	0.005	0.08	0.08	799	799
encapsulation	organic material	carbon black	1333-86-4	0.031	0.52		5249	
	plastics	epoxy resin	-	0.673	11.29		112852	
	inorganic material	silicon dioxide	60676-86-0	2.425	40.68	52.49	406791	524892
leadfinish	non noble metal	tin	7440-31-5	0.133	2.23	2.23	22257	22257
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1679	1679
*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.
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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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