



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAS 125-05W H6327	Issued	01. May 2021
MA#	MA000845626		
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	non noble metal	arsenic	7440-38-2	0.000			10	
	noble metal	gold	7440-57-5	0.006	0.10		1005	
	inorganic material	silicon	7440-21-3	0.051	0.86	0.96	8579	9594
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	438941	440792
wire	non noble metal	copper	7440-50-8	0.005	0.08	0.08	766	766
encapsulation	organic material	carbon black	1333-86-4	0.031	0.52		5249	
	plastics	epoxy resin	-	0.673	11.29		112856	
	inorganic material	silicondioxide	60676-86-0	2.425	40.68	52.49	406806	524911
leadfinish	non noble metal	tin	7440-31-5	0.133	2.23	2.23	22258	22258
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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