



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAS 28W H6327	Issued	14. August 2021
MA#	MA000842972		
Package	PG-SOT343-4-3	Weight*	6.76 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		299	
	inorganic material	silicon	7440-21-3	0.017	0.26	0.29	2554	2856
chip_2	non noble metal	arsenic	7440-38-2	0.000			3	
	noble metal	gold	7440-57-5	0.002	0.03		299	
	inorganic material	silicon	7440-21-3	0.017	0.26	0.29	2554	2856
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	0.010	0.14		1444	
	non noble metal	copper	7440-50-8	3.239	47.93	48.13	479383	481404
wire	non noble metal	copper	7440-50-8	0.004	0.06	0.06	630	630
encapsulation	organic material	carbon black	1333-86-4	0.031	0.45		4534	
	plastics	epoxy resin	-	0.659	9.75		97483	
	inorganic material	silicondioxide	60676-86-0	2.375	35.14	45.34	351393	453410
leadfinish	non noble metal	tin	7440-31-5	0.199	2.95	2.95	29483	29483
plating	noble metal	silver	7440-22-4	0.198	2.94	2.94	29361	29361
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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