



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAR 81W H6327	Issued	01. May 2021
MA#	MA000861884		
Package	PG-SOT343-4-2	Weight*	6.93 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			4	
	noble metal	gold	7440-57-5	0.003	0.04		432	
	inorganic material	silicon	7440-21-3	0.026	0.37	0.41	3689	4125
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		497	
	non noble metal	chromium	7440-47-3	0.010	0.15		1492	
	non noble metal	copper	7440-50-8	3.433	49.52	49.73	495279	497368
wire	noble metal	gold	7440-57-5	0.014	0.20	0.20	1956	1956
encapsulation	organic material	carbon black	1333-86-4	0.030	0.44		4366	
	plastics	epoxy resin	-	0.651	9.39		93871	
	inorganic material	silicondioxide	60676-86-0	2.345	33.84	43.67	338372	436609
leadfinish	non noble metal	tin	7440-31-5	0.199	2.87	2.87	28742	28742
plating	noble metal	silver	7440-22-4	0.216	3.12	3.12	31200	31200
*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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