

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BAW 56S H6327	**Issued**	23. January 2020
MA#	MA000844150		
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	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.002	0.03		313	
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986
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		1442	
	non noble metal	copper	7440-50-8	3.093	47.85	48.05	478515	480534
wire	non noble metal	copper	7440-50-8	0.010	0.16	0.16	1557	1557
encapsulation	organic material	carbon black	1333-86-4	0.030	0.46		4627	
	plastics	epoxy resin	-	0.643	9.95		99492	
	inorganic material	silicondioxide	60676-86-0	2.318	35.86	46.27	358635	462754
leadfinish	non noble metal	tin	7440-31-5	0.213	3.30	3.30	32991	32991
plating	noble metal	silver	7440-22-4	0.066	1.02	1.02	10220	10220
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com