

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSD223P H6327	**Issued**	27. April 2022
MA#	MA005734881		
Package	PG-SOT363-6-1	**Weight***	6.29 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.001	0.02		197	
	noble metal	gold	7440-57-5	0.005	0.08		765	
	inorganic material	silicon	7440-21-3	0.055	0.87	0.97	8668	9630
chip_2	non noble metal	tin	7440-31-5	0.001	0.02		197	
	noble metal	gold	7440-57-5	0.005	0.08		765	
	inorganic material	silicon	7440-21-3	0.055	0.87	0.97	8668	9630
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	non noble metal	chromium	7440-47-3	0.009	0.14		1374	
	non noble metal	copper	7440-50-8	2.869	45.60	45.80	456151	458075
wire	non noble metal	copper	7440-50-8	0.011	0.17	0.17	1736	1736
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4781	
	plastics	epoxy resin	-	0.647	10.28		102790	
	inorganic material	silicondioxide	60676-86-0	2.331	37.05	47.81	370521	478092
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33900	33900
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8937	8937
*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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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 Neubiberg
Internet	www.infineon.com