

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSD223P H6327	**Issued**	03. April 2021
MA#	MA001624872		
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	8669	9631
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	8669	9631
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	456170	458094
wire	non noble metal	copper	7440-50-8	0.011	0.17	0.17	1680	1680
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4781	
	plastics	epoxy resin	-	0.647	10.28		102797	
	inorganic material	silicondioxide	60676-86-0	2.331	37.05	47.81	370547	478125
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33902	33902
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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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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