

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS192P H6327	**Issued**	02. April 2021
MA#	MA001623220		
Package	PG-SOT89-4-2	**Weight***	50.59 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.008	0.02		156	
	noble metal	gold	7440-57-5	0.031	0.06		604	
	inorganic material	silicon	7440-21-3	0.346	0.68	0.76	6845	7605
leadframe	inorganic material	silicon	7440-21-3	0.004	0.01		85	
	non noble metal	titanium	7440-32-6	0.022	0.04		427	
	non noble metal	chromium	7440-47-3	0.065	0.13		1282	
	non noble metal	copper	7440-50-8	21.522	42.54	42.72	425408	427202
wire	non noble metal	copper	7440-50-8	0.013	0.03	0.03	256	256
encapsulation	inorganic material	zincoxide	1314-13-2	0.137	0.27		2711	
	organic material	carbon black	1333-86-4	0.274	0.54		5421	
	miscellaneous	miscellaneous	-	0.549	1.08		10842	
	plastics	epoxy resin	-	3.703	7.32		73186	
	inorganic material	silicondioxide	60676-86-0	22.764	45.00	54.21	449959	542119
leadfinish	non noble metal	tin	7440-31-5	0.801	1.58	1.58	15838	15838
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6980	6980
*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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