

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS225 H6327	**Issued**	03. April 2021
MA#	MA001626728		
Package	PG-SOT89-4-2	**Weight***	50.61 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	0.009	0.02		187	
	noble metal	gold	7440-57-5	0.037	0.07		725	
	inorganic material	silicon	7440-21-3	0.416	0.82	0.91	8212	9124
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		1281	
	non noble metal	copper	7440-50-8	21.522	42.53	42.71	425258	427051
wire	non noble metal	copper	7440-50-8	0.012	0.02	0.02	247	247
encapsulation	inorganic material	zincoxide	1314-13-2	0.137	0.27		2704	
	organic material	carbon black	1333-86-4	0.274	0.54		5408	
	miscellaneous	miscellaneous	-	0.547	1.08		10815	
	plastics	epoxy resin	-	3.695	7.30		73004	
	inorganic material	silicondioxide	60676-86-0	22.715	44.89	54.08	448837	540768
leadfinish	non noble metal	tin	7440-31-5	0.801	1.58	1.58	15833	15833
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6977	6977
*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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