

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS87 H6327	**Issued**	03. April 2021
MA#	MA001626780		
Package	PG-SOT89-4-2	**Weight***	50.58 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	0.007	0.01		132	
	noble metal	gold	7440-57-5	0.026	0.05		513	
	inorganic material	silicon	7440-21-3	0.294	0.58	0.64	5810	6455
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	42.55	42.73	425527	427321
wire	non noble metal	copper	7440-50-8	0.012	0.02	0.02	245	245
encapsulation	organic material	carbon black	1333-86-4	0.275	0.54		5432	
	plastics	epoxy resin	-	4.121	8.15		81473	
	inorganic material	silicondioxide	60676-86-0	23.076	45.64	54.33	456249	543154
leadfinish	non noble metal	tin	7440-31-5	0.801	1.58	1.58	15843	15843
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6982	6982
*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.

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