Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS87 H6327	**Issued**	25. January 2018
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	noble metal	gold	7440-57-5	0.026	0.05		513	
	non noble metal	tin	7440-31-5	0.007	0.01		132	
	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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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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