

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS314PE H6327	**Issued**	18. August 2021
MA#	MA000949852		
Package	PG-SOT23-3-5	**Weight***	9.38 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	0.003	0.03		336	
	noble metal	gold	7440-57-5	0.012	0.13		1304	
	inorganic material	silicon	7440-21-3	0.187	1.99	2.15	19897	21537
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		64	
	non noble metal	titanium	7440-32-6	0.003	0.03		321	
	non noble metal	chromium	7440-47-3	0.009	0.10		964	
	non noble metal	copper	7440-50-8	3.000	32.00	32.14	320019	321368
wire	non noble metal	copper	7440-50-8	0.043	0.46	0.46	4608	4608
encapsulation	organic material	carbon black	1333-86-4	0.057	0.61		6062	
	plastics	epoxy resin	-	1.222	13.03		130331	
	inorganic material	silicondioxide	60676-86-0	4.405	46.98	60.62	469797	606190
leadfinish	non noble metal	tin	7440-31-5	0.150	1.60	1.60	15961	15961
plating	noble metal	silver	7440-22-4	0.284	3.03	3.03	30336	30336
*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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