

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS670S2L H6327	**Issued**	02. June 2021
MA#	MA001623878		
Package	PG-SOT23-3-5	**Weight***	9.36 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	0.004	0.04		403	
	noble metal	gold	7440-57-5	0.015	0.16		1564	
	inorganic material	silicon	7440-21-3	0.223	2.39	2.59	23863	25830
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		64	
	non noble metal	titanium	7440-32-6	0.003	0.03		322	
	non noble metal	chromium	7440-47-3	0.009	0.10		966	
	non noble metal	copper	7440-50-8	3.000	32.07	32.21	320657	322009
wire	non noble metal	copper	7440-50-8	0.007	0.08	0.08	768	768
encapsulation	organic material	carbon black	1333-86-4	0.057	0.60		6050	
	plastics	epoxy resin	-	1.217	13.01		130076	
	inorganic material	silicondioxide	60676-86-0	4.387	46.87	60.48	468879	605005
leadfinish	non noble metal	tin	7440-31-5	0.150	1.60	1.60	15992	15992
plating	noble metal	silver	7440-22-4	0.284	3.04	3.04	30396	30396
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com