

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BFN 38 H6327	**Issued**	25. March 2021
MA#	MA001211996		
Package	PG-SOT223-4-24	**Weight***	107.14 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			32	
	noble metal	gold	7440-57-5	0.013	0.01		122	
	inorganic material	silicon	7440-21-3	0.160	0.15	0.16	1492	1646
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		80	
	non noble metal	titanium	7440-32-6	0.043	0.04		398	
	non noble metal	chromium	7440-47-3	0.128	0.12		1194	
	non noble metal	copper	7440-50-8	42.459	39.63	39.80	396298	397970
wire	non noble metal	copper	7440-50-8	0.020	0.02	0.02	190	190
encapsulation	inorganic material	zincoxide	1314-13-2	0.312	0.29		2910	
	organic material	carbon black	1333-86-4	0.623	0.58		5819	
	miscellaneous	miscellaneous	-	1.247	1.16		11638	
	plastics	epoxy resin	-	8.417	7.86		78558	
	inorganic material	silicondioxide	60676-86-0	51.747	48.30	58.19	482988	581913
leadfinish	non noble metal	tin	7440-31-5	1.464	1.37	1.37	13664	13664
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4617	4617
*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.
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.

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