

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SN7002W H6327	**Issued**	06. April 2021
MA#	MA001674010		
Package	PG-SOT323-3-3	**Weight***	5.97 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	0.002	0.03		346	
	noble metal	gold	7440-57-5	0.008	0.13		1342	
	inorganic material	silicon	7440-21-3	0.091	1.52	1.68	15211	16899
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		440	
	non noble metal	chromium	7440-47-3	0.008	0.13		1320	
	non noble metal	copper	7440-50-8	2.617	43.82	44.00	438071	439919
wire	non noble metal	copper	7440-50-8	0.005	0.09	0.09	909	909
encapsulation	organic material	carbon black	1333-86-4	0.031	0.52		5184	
	plastics	epoxy resin	-	0.666	11.15		111452	
	inorganic material	silicondioxide	60676-86-0	2.400	40.17	51.84	401747	518383
leadfinish	non noble metal	tin	7440-31-5	0.133	2.22	2.22	22214	22214
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1676	1676
*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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