

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2N7002 H6327	**Issued**	02. April 2021
MA#	MA001623842		
Package	PG-SOT23-3-5	**Weight***	9.32 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	0.001	0.01		133	
	noble metal	gold	7440-57-5	0.005	0.05		516	
	inorganic material	silicon	7440-21-3	0.073	0.79	0.85	7877	8526
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		65	
	non noble metal	titanium	7440-32-6	0.003	0.03		323	
	non noble metal	chromium	7440-47-3	0.009	0.10		970	
	non noble metal	copper	7440-50-8	3.000	32.20	32.34	321997	323355
wire	non noble metal	copper	7440-50-8	0.008	0.09	0.09	902	902
encapsulation	organic material	carbon black	1333-86-4	0.058	0.62		6206	
	plastics	epoxy resin	-	1.243	13.34		133437	
	inorganic material	silicondioxide	60676-86-0	4.482	48.10	62.06	480991	620634
leadfinish	non noble metal	tin	7440-31-5	0.150	1.61	1.61	16059	16059
plating	noble metal	silver	7440-22-4	0.284	3.05	3.05	30524	30524
*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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