



Material Content Data Sheet



Sales Product Name		2N7002 H6327		Issued		24. January 2018		
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	noble metal	gold	7440-57-5	0.005	0.05		516	
	non noble metal	tin	7440-31-5	0.001	0.01		133	
	inorganic material	silicon	7440-21-3	0.073	0.79	0.85	7877	8526
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		970	
	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	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.
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 München
Internet	www.infineon.com