

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2N7002DW H6327	**Issued**	27. April 2022
MA#	MA005735325		
Package	PG-SOT363-6-1	**Weight***	6.30 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.001	0.02		197	
	noble metal	gold	7440-57-5	0.005	0.08		764	
	inorganic material	silicon	7440-21-3	0.073	1.17	1.27	11656	12617
chip_2	non noble metal	tin	7440-31-5	0.001	0.02		197	
	noble metal	gold	7440-57-5	0.005	0.08		764	
	inorganic material	silicon	7440-21-3	0.073	1.17	1.27	11656	12617
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		91	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	non noble metal	chromium	7440-47-3	0.009	0.14		1373	
	non noble metal	copper	7440-50-8	2.869	45.54	45.74	455629	457551
wire	non noble metal	copper	7440-50-8	0.011	0.17	0.17	1714	1714
encapsulation	organic material	carbon black	1333-86-4	0.030	0.47		4727	
	plastics	epoxy resin	-	0.640	10.16		101633	
	inorganic material	silicondioxide	60676-86-0	2.307	36.64	47.27	366353	472713
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33861	33861
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8927	8927
*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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