



Material Content Data Sheet



Sales Product Name	BSP75N	Issued	24. February 2022
MA#	MA005700871		
Package	PG-SOT223-4-23	Weight*	113.62 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.269	1.12	1.12	11168	11168
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		92	
	non noble metal	titanium	7440-32-6	0.052	0.05		459	
	non noble metal	chromium	7440-47-3	0.156	0.14		1376	
	non noble metal	copper	7440-50-8	51.895	45.66	45.86	456746	458673
wire	noble metal	gold	7440-57-5	0.278	0.24	0.24	2446	2446
encapsulation	organic material	carbon black	1333-86-4	0.457	0.40		4025	
	plastics	brominated resin	-	0.572	0.50		5031	
	inorganic material	antimonytrioxide	1309-64-4	1.143	1.01		10062	
	plastics	epoxy resin	-	10.403	9.16		91561	
	inorganic material	silicondioxide	60676-86-0	44.584	39.24	50.31	392404	503083
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12885	12885
plating	noble metal	silver	7440-22-4	0.815	0.72	0.72	7170	7170
glue	plastics	epoxy resin	-	0.091	0.08		801	
	noble metal	silver	7440-22-4	0.429	0.38	0.46	3774	4575
*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.

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