

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 14PN10 E6327	**Issued**	27. April 2022
MA#	MA005733406		
Package	PG-TSNP-10-1	**Weight***	1.89 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	0.352	18.62	18.62	186241	186241
bumps	non noble metal	copper	7440-50-8	0.005	0.27	0.27	2667	2667
leadframe	non noble metal	zinc	7440-66-6	0.001	0.07		713	
	non noble metal	tin	7440-31-5	0.002	0.09		891	
	non noble metal	chromium	7440-47-3	0.002	0.11		1069	
	non noble metal	copper	7440-50-8	0.669	35.37	35.64	353701	356374
encapsulation	organic material	carbon black	1333-86-4	0.004	0.21		2144	
	inorganic material	zink oxide	1314-13-2	0.008	0.43		4289	
	miscellaneous	miscellaneous	-	0.012	0.64		6434	
	plastics	epoxy resin	-	0.089	4.72		47181	
	inorganic material	silicondioxide	60676-86-0	0.698	36.90	42.90	368867	428915
leadfinish	non noble metal	tin	7440-31-5	0.029	1.52	1.52	15230	15230
plating	noble metal	silver	7440-22-4	0.017	0.91	0.91	9070	9070
solder	noble metal	silver	7440-22-4	0.000			34	
	non noble metal	tin	7440-31-5	0.003	0.14	0.14	1434	1468
ubm	non noble metal	tungsten	7440-33-7	0.000			4	
	non noble metal	titanium	7440-32-6	0.000			8	
	non noble metal	copper	7440-50-8	0.000			23	35
*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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