Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGS 110MN20 E6327	**Issued**	4. September 2015
MA#	MA001271020		
Package	PG-TSNP-20-1	**Weight***	10.96 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	0.599	5.47	5.47	54665	54665
leadframe	non noble metal	magnesium	7439-95-4	0.005	0.05		492	
	inorganic material	silicon	7440-21-3	0.023	0.21		2134	
	non noble metal	nickel	7440-02-0	0.108	0.98		9847	
	non noble metal	copper	7440-50-8	3.460	31.58	32.82	315756	328229
wire	noble metal	gold	7440-57-5	0.121	1.11	1.11	11074	11074
encapsulation	organic material	carbon black	1333-86-4	0.030	0.27		2746	
	plastics	epoxy resin	-	0.873	7.96		79625	
	inorganic material	silicondioxide	60676-86-0	5.115	46.69	54.92	466770	549141
leadfinish	non noble metal	tin	7440-31-5	0.199	1.82	1.82	18198	18198
plating	noble metal	silver	7440-22-4	0.090	0.82	0.82	8193	8193
tape	plastics	epoxy resin	-	0.084	0.76		7625	
	inorganic material	silicondioxide	60676-86-0	0.084	0.76		7625	
	plastics	acrylic resin	-	0.084	0.76		7625	
	plastics	polyester resin	-	0.084	0.76	3.04	7625	30500
*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 2011/65/EU (RoHS) and does not use any exemption.

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