



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGSX 22G6U10 E6327	Issued	18. August 2021
MA#	MA005422315		
Package	PG-ULGA-10-1	Weight*	2.24 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	0.217	9.69	9.69	96877	96877
bumps	noble metal	silver	7440-22-4	0.000			41	
	non noble metal	nickel	7440-02-0	0.001	0.04		407	
	non noble metal	tin	7440-31-5	0.005	0.20		2034	
	non noble metal	copper	7440-50-8	0.013	0.57	0.81	5655	8137
encapsulation	organic material	carbon black	1333-86-4	0.008	0.34		3386	
	plastics	epoxy resin	-	0.171	7.62		76185	
	inorganic material	silicondioxide	60676-86-0	1.087	48.46	56.42	484762	564333
plating	noble metal	palladium	7440-05-3	0.000			40	
	noble metal	gold	7440-57-5	0.000	0.01		65	
	non noble metal	nickel	7440-02-0	0.003	0.12	0.13	1179	1284
ubm	non noble metal	titanium	7440-32-6	0.000			1	
	non noble metal	copper	7440-50-8	0.000			6	7
solder resists	inorganic material	magnesiumsilicate	1343-88-0	0.004	0.17		1684	
	plastics	epoxy resin	-	0.012	0.53		5263	
	inorganic material	silicondioxide	60676-86-0	0.012	0.55		5473	
	inorganic material	bariumsulfate	7727-43-7	0.019	0.86	2.11	8631	21051
substrate metal	non noble metal	copper	7440-50-8	0.214	9.53	9.53	95284	95284
substrate plastic	inorganic material	glass fibre wool	65997-17-3	0.215	9.59		95862	
	organic material	thermosetting resin	-	0.263	11.72	21.31	117165	213027
*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.
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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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