

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGSX 24MU16 E6327	**Issued**	08. April 2022
MA#	MA005583644		
Package	PG-ULGA-16-1	**Weight***	5.33 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	0.564	10.58	10.58	105841	105841
bumps	non noble metal	copper	7440-50-8	0.022	0.40	0.40	4050	4050
encapsulation	organic material	carbon black	1333-86-4	0.026	0.49		4924	
	organic material	phenol formaldehyde resin	9003-35-4	0.131	2.46		24619	
	plastics	epoxy resin	-	0.367	6.89		68933	
	inorganic material	amorphous silica	7631-86-9	0.787	14.77		147713	
	inorganic material	silicondioxide	60676-86-0	1.311	24.66	49.27	246187	492376
leadfinish	noble metal	palladium	7440-05-3	0.000	0.01		55	
	noble metal	gold	7440-57-5	0.000	0.01		88	
	non noble metal	nickel	7440-02-0	0.009	0.16	0.18	1610	1753
plating	noble metal	palladium	7440-05-3	0.000			45	
	noble metal	gold	7440-57-5	0.000	0.01		73	
	non noble metal	nickel	7440-02-0	0.007	0.13	0.14	1331	1449
solder	noble metal	silver	7440-22-4	0.000			31	
	non noble metal	nickel	7440-02-0	0.002	0.03		308	
	non noble metal	tin	7440-31-5	0.008	0.15		1541	
	non noble metal	copper	7440-50-8	0.023	0.43	0.61	4284	6164
ubm	non noble metal	titanium	7440-32-6	0.000			6	
	non noble metal	copper	7440-50-8	0.000			46	52
solder resists	inorganic material	magnesiumsilicate	1343-88-0	0.015	0.28		2810	
	plastics	epoxy resin	-	0.047	0.88		8782	
	inorganic material	silicondioxide	60676-86-0	0.049	0.91		9134	
	inorganic material	bariumsulfate	7727-43-7	0.077	1.44	3.51	14403	35129
substrate metal	non noble metal	copper	7440-50-8	0.853	16.01	16.01	160142	160142
substrate plastic	inorganic material	aluminiumhydroxide	21645-51-2	0.278	5.21		52122	
	plastics	epoxy bismaleimide triazine resin	-	0.319	5.98		59844	
	inorganic material	glass fibre	-	0.432	8.11	19.30	81078	193044
*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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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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