



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGS 15MU14 E6327	Issued	24. February 2022
MA#	MA005708744		
Package	PG-ULGA-14-1	Weight*	3.76 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	0.235	6.24	6.24	62447	62447
bumps	non noble metal	copper	7440-50-8	0.024	0.64	0.64	6375	6375
encapsulation	organic material	carbon black	1333-86-4	0.011	0.31		3053	
	plastics	epoxy resin	-	0.258	6.87		68690	
	inorganic material	silicondioxide	60676-86-0	1.644	43.70	50.88	437071	508814
leadfinish	noble metal	palladium	7440-05-3	0.000	0.01		72	
	noble metal	gold	7440-57-5	0.000	0.01		115	
	non noble metal	nickel	7440-02-0	0.008	0.21	0.23	2098	2285
plating	noble metal	palladium	7440-05-3	0.000	0.01		56	
	noble metal	gold	7440-57-5	0.000	0.01		90	
	non noble metal	nickel	7440-02-0	0.006	0.16	0.18	1646	1792
solder	noble metal	silver	7440-22-4	0.000	0.01		62	
	non noble metal	tin	7440-31-5	0.013	0.34	0.35	3406	3468
ubm	non noble metal	tungsten	7440-33-7	0.000			5	
	non noble metal	titanium	7440-32-6	0.000			9	
	non noble metal	copper	7440-50-8	0.000			24	38
solder resists	inorganic material	magnesiumsilicate	1343-88-0	0.006	0.15		1466	
	plastics	epoxy resin	-	0.017	0.46		4580	
	inorganic material	silicondioxide	60676-86-0	0.018	0.48		4764	
	inorganic material	bariumsulfate	7727-43-7	0.028	0.75	1.84	7512	18322
substrate metal	non noble metal	copper	7440-50-8	0.636	16.91	16.91	169114	169114
substrate plastic	inorganic material	glass fibre wool	65997-17-3	0.385	10.23		102305	
	organic material	thermosetting resin	-	0.470	12.50	22.73	125040	227345
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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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