



Material Content Data Sheet



Halogen-Free

Sales Product Name	BGT 60TR13C E6327	Issued	05. February 2022
MA#	MA002290868		
Package	PG-VF2BGA-40-1	Weight*	53.43 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	2.277	4.26	4.26	42610	42610
underfill	organic material	carbon black	1333-86-4	0.011	0.02		202	
	plastics	epoxy resin	-	0.367	0.69		6875	
	inorganic material	silicondioxide	60676-86-0	0.702	1.31	2.02	13144	20221
bumps	noble metal	silver	7440-22-4	0.001			13	
	non noble metal	nickel	7440-02-0	0.007	0.01		133	
	non noble metal	tin	7440-31-5	0.036	0.07		664	
	non noble metal	copper	7440-50-8	0.099	0.18	0.26	1847	2657
substrate	inorganic material	aluminiumhydroxide	21645-51-2	3.427	6.41		64143	
	non noble metal	copper	7440-50-8	12.915	24.17		241705	
	inorganic material	glass fibre	-	13.895	26.01		260051	
	plastics	bismaleimide triazine resin	-	15.079	28.24	84.83	282200	848099
solderballs	non noble metal	nickel	7440-02-0	0.002			35	
	non noble metal	copper	7440-50-8	0.019	0.03		349	
	noble metal	silver	7440-22-4	0.045	0.08		838	
	non noble metal	tin	7440-31-5	3.664	6.86	6.97	68571	69793
ubm	non noble metal	tungsten	7440-33-7	0.000			2	
	non noble metal	titanium	7440-32-6	0.000			4	
	non noble metal	copper	7440-50-8	0.001			10	16
solder resists	plastics	epoxy resin	-	0.198	0.37		3703	
	inorganic material	bariumsulfate	7727-43-7	0.217	0.41		4068	
	plastics	acrylic resin	-	0.472	0.88	1.66	8833	16604
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com