

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BGA 427 H6327	**Issued**	02. June 2021
MA#	MA001351532		
Package	PG-SOT343-4-1	**Weight***	6.75 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.001	0.02		189	
	noble metal	gold	7440-57-5	0.005	0.07		733	
	inorganic material	silicon	7440-21-3	0.044	0.64	0.73	6450	7372
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		498	
	non noble metal	chromium	7440-47-3	0.010	0.15		1495	
	non noble metal	copper	7440-50-8	3.347	49.64	49.85	496207	498300
wire	noble metal	gold	7440-57-5	0.014	0.21	0.21	2141	2141
encapsulation	organic material	carbon black	1333-86-4	0.031	0.45		4532	
	plastics	epoxy resin	-	0.657	9.74		97434	
	inorganic material	silicondioxide	60676-86-0	2.369	35.12	45.31	351217	453183
leadfinish	non noble metal	tin	7440-31-5	0.199	2.95	2.95	29535	29535
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9469	9469
*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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