

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BFQ 19S H6327	**Issued**	05. May 2021
MA#	MA001612636		
Package	PG-SOT89-4-3	**Weight***	53.10 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			11	
	noble metal	gold	7440-57-5	0.002			43	
	inorganic material	silicon	7440-21-3	0.020	0.04	0.04	369	423
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		475	
	non noble metal	chromium	7440-47-3	0.076	0.14		1425	
	non noble metal	copper	7440-50-8	25.112	47.29	47.49	472927	474922
wire	noble metal	gold	7440-57-5	0.018	0.03	0.03	340	340
encapsulation	inorganic material	zincoxide	1314-13-2	0.135	0.25		2539	
	organic material	carbon black	1333-86-4	0.270	0.51		5078	
	miscellaneous	miscellaneous	-	0.539	1.02		10157	
	plastics	epoxy resin	-	3.640	6.86		68558	
	inorganic material	silicondioxide	60676-86-0	22.381	42.15	50.79	421508	507840
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15091	15091
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1384	1384
*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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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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