

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BFN 18 H6327	**Issued**	25. March 2021
MA#	MA001212010		
Package	PG-SOT89-4-3	**Weight***	53.13 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	0.003	0.01		64	
	noble metal	gold	7440-57-5	0.013	0.02		247	
	inorganic material	silicon	7440-21-3	0.160	0.30	0.33	3009	3320
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		1424	
	non noble metal	copper	7440-50-8	25.112	47.27	47.47	472669	474663
wire	non noble metal	copper	7440-50-8	0.013	0.02	0.02	247	247
encapsulation	inorganic material	zincoxide	1314-13-2	0.134	0.25		2527	
	organic material	carbon black	1333-86-4	0.268	0.51		5053	
	miscellaneous	miscellaneous	-	0.537	1.01		10106	
	plastics	epoxy resin	-	3.624	6.82		68216	
	inorganic material	silicondioxide	60676-86-0	22.282	41.94	50.53	419403	505305
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15082	15082
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1383	1383
*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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