

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BFN 39 H6327	**Issued**	1. August 2018
MA#	MA001219562		
Package	PG-SOT223-4-24	**Weight***	107.14 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	0.00		32	
	noble metal	gold	7440-57-5	0.013	0.01		122	
	inorganic material	silicon	7440-21-3	0.160	0.15	0.16	1492	1646
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		80	
	non noble metal	titanium	7440-32-6	0.043	0.04		398	
	non noble metal	chromium	7440-47-3	0.128	0.12		1194	
	non noble metal	copper	7440-50-8	42.459	39.63	39.80	396298	397970
wire	non noble metal	copper	7440-50-8	0.020	0.02	0.02	190	190
encapsulation	organic material	carbon black	1333-86-4	0.623	0.58		5819	
	plastics	epoxy resin	-	9.352	8.73		87287	
	inorganic material	silicondioxide	60676-86-0	52.370	48.88	58.19	488807	581913
leadfinish	non noble metal	tin	7440-31-5	1.464	1.37	1.37	13664	13664
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4617	4617
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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