



Material Content Data Sheet



Halogen-Free

Sales Product Name	BFQ 790 H6327	Issued	12. May 2021
MA#	MA001713346		
Package	PG-SOT89-4-2	Weight*	50.59 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	0.004	0.01		79	
	noble metal	gold	7440-57-5	0.015	0.03		306	
	inorganic material	silicon	7440-21-3	0.169	0.33	0.37	3338	3723
leadframe	inorganic material	silicon	7440-21-3	0.004	0.01		85	
	non noble metal	titanium	7440-32-6	0.022	0.04		427	
	non noble metal	chromium	7440-47-3	0.065	0.13		1282	
	non noble metal	copper	7440-50-8	21.522	42.55	42.73	425454	427248
wire	noble metal	gold	7440-57-5	0.056	0.11	0.11	1108	1108
encapsulation	inorganic material	zinc oxide	1314-13-2	0.138	0.27		2725	
	organic material	carbon black	1333-86-4	0.276	0.55		5451	
	miscellaneous	miscellaneous	-	0.551	1.09		10902	
	plastics	epoxy resin	-	3.723	7.36		73589	
	inorganic material	silicon dioxide	60676-86-0	22.887	45.24	54.51	452433	545100
lead finish	non noble metal	tin	7440-31-5	0.801	1.58	1.58	15840	15840
plating	noble metal	silver	7440-22-4	0.353	0.70	0.70	6981	6981
*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.

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