

Material Content Data Sheet

RoHS

Sales Product Name	BFR 93A E6327	**Issued**	15. April 2021
MA#	MA001228668		
Package	PG-SOT23-3-11	**Weight***	8.79 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	0.01		61	
	noble metal	gold	7440-57-5	0.002	0.02		236	
	inorganic material	silicon	7440-21-3	0.018	0.20	0.23	2033	2330
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	chromium	7440-47-3	0.008	0.09		927	
	non noble metal	copper	7440-50-8	2.704	30.76	30.89	307566	308864
wire	noble metal	gold	7440-57-5	0.009	0.10	0.10	1039	1039
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6596	
	plastics	brominated resin	-	0.087	0.99		9894	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13192	
	plastics	epoxy resin	-	1.247	14.18		141813	
	inorganic material	silicondioxide	60676-86-0	4.292	48.81	65.96	488098	659593
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17019	17019
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11155	11155
*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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