



Material Content Data Sheet



Sales Product Name	BFR 181 E6327	Issued	06. May 2021
MA#	MA001303696		
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	0.000	0.01		53	
	noble metal	gold	7440-57-5	0.002	0.02		205	
	inorganic material	silicon	7440-21-3	0.016	0.18	0.21	1771	2029
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	307613	308911
wire	noble metal	gold	7440-57-5	0.009	0.10	0.10	969	969
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6599	
	plastics	brominated resin	-	0.087	0.99		9899	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13198	
	plastics	epoxy resin	-	1.247	14.19		141881	
	inorganic material	silicondioxide	60676-86-0	4.293	48.82	65.98	488336	659913
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17022	17022
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11156	11156
*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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