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Material Content Data Sheet



Sales Product Name		BFR 183 E6327		Issued		20. July 2018		
MA#		MA000516516						
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	noble metal	gold	7440-57-5	0.003	0.03		293	
	inorganic material	silicon	7440-21-3	0.013	0.15	0.18	1523	1816
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		927	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
wire	non noble metal	copper	7440-50-8	2.704	30.76	30.89	307551	308849
	noble metal	gold	7440-57-5	0.009	0.10	0.10	974	974
	encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6600
encapsulation	plastics	brominated resin	-	0.087	0.99		9900	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13199	
	plastics	epoxy resin	-	1.248	14.19		141895	
	inorganic material	silicondioxide	60676-86-0	4.294	48.83	65.99	488382	659976
leadfinish	non noble metal	tin	7440-31-5	0.152	1.72	1.72	17231	17231
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11154	11154
*deviation	< 10%		Sum in total:			100.00		1000000

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Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com