



Material Content Data Sheet



Sales Product Name		SMBT 3906 E6327		Issued		29. August 2013		
MA#		MA000510708						
Package		PG-SOT23-3-11		Weight*		8.81 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	0.005	0.06		583	
	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	inorganic material	silicon	7440-21-3	0.044	0.50	0.56	4982	5568
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	copper	7440-50-8	2.704	30.71	30.84	307129	308424
wire	noble metal	gold	7440-57-5	0.014	0.16	0.16	1626	1626
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6563	
	plastics	brominated resin	-	0.087	0.98		9844	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.31		13125	
	plastics	epoxy resin	-	1.242	14.11		141093	
	inorganic material	silicondioxide	60676-86-0	4.276	48.57	65.63	485623	656248
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16995	16995
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11139	11139
*deviation	< 10%					Sum in total:	100,00	1000000

Important Remarks:

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