



Material Content Data Sheet



Sales Product Name		BAT 54 E6327		Issued		29. August 2013		
MA#		MA000677188						
Package		PG-SOT23-3-11		Weight*		8.80 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	0.006	0.07		681	
	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.36	2911	3595
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		926	
	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	copper	7440-50-8	2.704	30.74	30.87	307447	308744
wire	noble metal	gold	7440-57-5	0.008	0.09	0.09	868	868
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6586	
	plastics	brominated resin	-	0.087	0.99		9879	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13173	
	plastics	epoxy resin	-	1.246	14.16		141605	
	inorganic material	silicondioxide	60676-86-0	4.287	48.73	65.86	487387	658630
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17013	17013
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11150	11150
*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