



## Material Content Data Sheet



Sales Product Name	BG 5412K H6327			Issued		29. August 2013		
MA#	MA000859854							
Package	PG-SOT363-6-4			Weight*		6.27 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	0.08		823	
	non noble metal	tin	7440-31-5	0.001	0.02		212	
	inorganic material	silicon	7440-21-3	0.045	0.72	0.82	7178	8213
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	non noble metal	chromium	7440-47-3	0.009	0.14		1374	
	non noble metal	copper	7440-50-8	2.860	45.60	45.80	456046	457970
wire	non noble metal	copper	7440-50-8	0.015	0.23	0.23	2326	2326
encapsulation	organic material	carbon black	1333-86-4	0.031	0.49		4879	
	plastics	epoxy resin	-	0.658	10.49		104908	
	inorganic material	silicondioxide	60676-86-0	2.371	37.82	48.80	378157	487944
leadfinish	non noble metal	tin	7440-31-5	0.213	3.40	3.40	34002	34002
plating	noble metal	silver	7440-22-4	0.060	0.95	0.95	9545	9545
*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